

=> d his

(FILE 'HOME' ENTERED AT 10:33:40 ON 12 FEB 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 10:34:10 ON 12 FEB 2004

L1 1164919 S KINASE?  
L2 419227 S HUMAN AND L1  
L3 6364564 S CLON? OR EXPRESS? OR RECOMBINANT  
L4 203740 S L2 AND L3  
L5 3211231 S BRAIN OR PITUITARY OR HYPOTHALAMUS OR ADIPOSE  
L6 919291 S ADRENAL(A) GLAND OR FETAL(A) LUNG OR CEREBELUM OR EMBRYO  
L7 4023613 S L5 OR L6  
L8 21936 S L4 AND L7  
L9 1499 S HUMAN(A) L1  
L10 202 S L8 AND L9  
L11 168 DUP REM L10 (34 DUPLICATES REMOVED)  
E TURNER C/AU  
L12 1244 S E3  
E MATHUR B/AU  
L13 67 S E3  
L14 1310 S L12 OR L13  
L15 0 S L11 AND L14  
L16 0 S L10 AND L14  
L17 12 S L1 AND L14  
L18 12 DUP REM L17 (0 DUPLICATES REMOVED)

=>

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1652MXM

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 09	CA/CAPLUS records now contain indexing from 1907 to the present
NEWS	4	DEC 08	INPADOC: Legal Status data reloaded
NEWS	5	SEP 29	DISSABS now available on STN
NEWS	6	OCT 10	PCTFULL: Two new display fields added
NEWS	7	OCT 21	BIOSIS file reloaded and enhanced
NEWS	8	OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS	9	NOV 24	MSDS-CCOHS file reloaded
NEWS	10	DEC 08	CABA reloaded with left truncation
NEWS	11	DEC 08	IMS file names changed
NEWS	12	DEC 09	Experimental property data collected by CAS now available in REGISTRY
NEWS	13	DEC 09	STN Entry Date available for display in REGISTRY and CA/CAPLUS
NEWS	14	DEC 17	DGENE: Two new display fields added
NEWS	15	DEC 18	BIOTECHNO no longer updated
NEWS	16	DEC 19	CROPU no longer updated; subscriber discount no longer available
NEWS	17	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS	18	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS	19	DEC 22	ABI-INFORM now available on STN
NEWS	20	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	21	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS	22	FEB 05	German (DE) application and patent publication number format changes
NEWS	EXPRESS		DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS	HOURS		STN Operating Hours Plus Help Desk Availability
NEWS	INTER		General Internet Information
NEWS	LOGIN		Welcome Banner and News Items
NEWS	PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS	WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:33:40 ON 12 FEB 2004

=> file medline embase biosis biotechds scisearch hcaplus ntis lifesci		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 10:34:10 ON 12 FEB 2004

FILE 'EMBASE' ENTERED AT 10:34:10 ON 12 FEB 2004  
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'BIOSIS' ENTERED AT 10:34:10 ON 12 FEB 2004  
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'BIOTECHDS' ENTERED AT 10:34:10 ON 12 FEB 2004  
COPYRIGHT (C) 2004 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'SCISEARCH' ENTERED AT 10:34:10 ON 12 FEB 2004  
COPYRIGHT 2004 THOMSON ISI

FILE 'HCAPLUS' ENTERED AT 10:34:10 ON 12 FEB 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'NTIS' ENTERED AT 10:34:10 ON 12 FEB 2004  
Compiled and distributed by the NTIS, U.S. Department of Commerce.  
It contains copyrighted material.  
All rights reserved. (2004)

FILE 'LIFESCI' ENTERED AT 10:34:10 ON 12 FEB 2004  
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

=> s kinase?

L1 1164919 KINASE?

=> s human and l1

L2 419227 HUMAN AND L1

=> s clon? or express? or recombinant?

4 FILES SEARCHED...

L3 6364564 CLON? OR EXPRESS? OR RECOMBINANT

=> s l2 and l3

L4 203740 L2 AND L3

=> s brain or pituitary or hypothalamus or adipose

L5 3211231 BRAIN OR PITUITARY OR HYPOTHALAMUS OR ADIPOSE

=> s adrenal(a)gland or fetal(a) lung or cerebellum or embryo

L6 919291 ADRENAL(A) GLAND OR FETAL(A) LUNG OR CEREBELUM OR EMBRYO

=> s l5 or l6

L7 4023613 L5 OR L6

=> s l4 and l7

L8 21936 L4 AND L7

=> s human(a)l1

4 FILES SEARCHED...

L9 1499 HUMAN(A) L1

=> s l8 and l9

L10 202 L8 AND L9

=> dup rem l10

PROCESSING COMPLETED FOR L10

L11 168 DUP REM L10 (34 DUPLICATES REMOVED)

=> d 1-168 ibib

L11 ANSWER 1 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 2004:85983 HCAPLUS

TITLE: Human prostate cancer marker genes associated with various metastatic stages identified by gene profiling, and related compositions, kits, and methods for diagnosis, prognosis and therapy

INVENTOR(S): Schlegel, Robert; Endege, Wilson O.

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 131 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004009481	A1	20040115	US 2002-166883	20020611
US 2004009481	A1	20040115	US 2002-166883	20020611
PRIORITY APPLN. INFO.:			US 2001-297285P P	20010611
			US 2002-166883 A	20020611

L11 ANSWER 2 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2

ACCESSION NUMBER: 2003:942767 HCAPLUS

DOCUMENT NUMBER: 140:40262

TITLE: Genes expressed in atherosclerotic tissue and their use in diagnosis and pharmacogenetics

INVENTOR(S): Nevins, Joseph; West, Mike; Goldschmidt, Pascal

PATENT ASSIGNEE(S): Duke University, USA

SOURCE: PCT Int. Appl., 408 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003091391	A2	20031106	WO 2002-XB38221	20021112
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2003091391	A2	20031106	WO 2002-US38221	20021112
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,			



MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,  
 TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
 TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-374547P P 20020423  
 US 2002-420784P P 20021024  
 US 2002-421043P P 20021025  
 US 2002-424680P P 20021108  
 WO 2002-US38221 A 20021112

L11 ANSWER 3 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3  
 ACCESSION NUMBER: 2003:409169 HCAPLUS  
 DOCUMENT NUMBER: 138:380506  
 TITLE: Genes that are differentially expressed during  
 erythropoiesis and their diagnostic and therapeutic  
 uses  
 INVENTOR(S): Brissette, William H.; Neote, Kuldeep S.; Zagouras,  
 Panayiotis; Zenke, Martin; Lemke, Britt; Hacker,  
 Christine  
 PATENT ASSIGNEE(S): Pfizer Products Inc., USA; Max-Delbrueck-Centrum Fuer  
 Molekulare Medizin  
 SOURCE: PCT Int. Appl., 285 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003038130	A2	20030508	WO 2002-XA34888	20021031
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2003038130	A2	20030508	WO 2002-US34888	20021031
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2001-335048P P 20011031  
 US 2001-335183P P 20011102  
 WO 2002-US34888 A 20021031

L11 ANSWER 4 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
 ACCESSION NUMBER: 2004-01953 BIOTECHDS  
 TITLE: New human kinase proteins and nucleic

acids, useful as targets for drug action and development, in eliciting an immune response or in diagnosing and treating a disease or condition mediated by **human kinase** protein;

**human recombinant kinase**

prepare, vector-mediated gene transfer, **expression** in host cell, appl. **brain** neuroblastoma, liver adenocarcinoma, kidney cell adenocarcinoma, duodenal adenocarcinoma, hypernephroma therapy, gene therapy, diagnosis

AUTHOR: ABU-THREIDEH J; NEELAM B; YAN C  
PATENT ASSIGNEE: APPLERA CORP  
PATENT INFO: WO 2003095612 20 Nov 2003  
APPLICATION INFO: WO 2003-US13975 5 May 2003  
PRIORITY INFO: US 2002-380134 6 May 2002; US 2002-380134 6 May 2002  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-903976 [82]

L11 ANSWER 5 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2004-02574 BIOTECHDS

TITLE: New **human kinases** and phosphatases, and polynucleotides encoding them, useful for treating, preventing or diagnosing e.g. cell proliferative disorders, inflammatory, autoimmune, viral, bacterial, parasitic or fungal diseases;  
**human recombinant kinase**  
production by vector-mediated gene transfer and **expression** in host cell, transgenic animal, polyclonal, monoclonal antibody, hybridoma, humanized antibody, chimeric antibody, single chain antibody and DNA array for therapy and gene therapy

AUTHOR: CHIEN D; JIN P; HAWKINS P R; BAUGHN M R; BECHA S D; CHANG H; DING L; ELLIOTT V S; EMERLING B M; GANDHI A R; GIETZEN K J; GRIFFIN J A; GURURAJAN R; HAFALIA A J A; ISON C H; KABLE A E; KHARE R; LEE S Y; LEE E A; LU Y; MARQUIS J P; LEHR-MASON P M; RAMKUMAR J; RICHARDSON T W; SWARNAKAR A; TRAN U K; CHAWLA N K; YAO M G; YUE H; BHATIA U; BURRILL J D; LEE S; BLAKE J J; HO A; ZHENG W  
PATENT ASSIGNEE: INCYTE CORP  
PATENT INFO: WO 2003080805 2 Oct 2003  
APPLICATION INFO: WO 2003-US8715 18 Mar 2003  
PRIORITY INFO: US 2002-369248 29 Mar 2002; US 2002-366088 19 Mar 2002  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2004-011523 [01]

L11 ANSWER 6 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-25729 BIOTECHDS

TITLE: New peptides related to **kinase** protein subfamily useful for treating disorders associated with abnormal **expression** of **kinase** protein in testis, nervous tissue, **fetal**, **lung**, ovary tumor tissue;  
**recombinant** enzyme protein production via plasmid **expression** in host cell for use in disease therapy and gene therapy

AUTHOR: YAN C; GAN W  
PATENT ASSIGNEE: APPLERA CORP  
PATENT INFO: WO 2003076577 18 Sep 2003  
APPLICATION INFO: WO 2003-US6666 5 Mar 2003  
PRIORITY INFO: US 2002-361339 5 Mar 2002; US 2002-361339 5 Mar 2002  
DOCUMENT TYPE: Patent  
LANGUAGE: English

OTHER SOURCE: WPI: 2003-722329 [68]

L11 ANSWER 7 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-27545 BIOTECHDS  
TITLE: Determining the ability of a test compound to alter the phosphorylation of **human** Period proteins, e.g. for screening for a compound that can alter the circadian rhythm of a mammal, comprises using **human kinase** I delta and/or epsilon; **recombinant** protein and circadian rhythm alteration useful for drug screening  
AUTHOR: KEESLER G A; MONDADORI C; YAO Z; CAMACHO F  
PATENT ASSIGNEE: AVENTIS PHARM INC  
PATENT INFO: US 6555328 29 Apr 2003  
APPLICATION INFO: US 2000-589462 7 Jun 2000  
PRIORITY INFO: US 2000-589462 7 Jun 2000; US 1999-327745 8 Jun 1999  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-786290 [74]

L11 ANSWER 8 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-21801 BIOTECHDS  
TITLE: Novel **human** gene present in **human** X-chromosome and encoding **kinase** MASK protein, useful for inducing cell apoptosis and for developing therapeutics for diseases involving modulation of cellular activities; **recombinant** enzyme protein production via plasmid **expression** in host cell for use in gene therapy  
PATENT ASSIGNEE: KAGAKU GIJUTSU SHINKO JIGYODAN  
PATENT INFO: JP 2003088376 25 Mar 2003  
APPLICATION INFO: JP 2001-280364 14 Sep 2001  
PRIORITY INFO: JP 2001-280364 14 Sep 2001; JP 2001-280364 14 Sep 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
OTHER SOURCE: WPI: 2003-590904 [56]

L11 ANSWER 9 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:991685 HCAPLUS  
DOCUMENT NUMBER: 140:38394  
TITLE: Methods for diagnosis and treatment of vascular dysfunction and Alzheimer's disease  
INVENTOR(S): Zlokovic, Berislav V.  
PATENT ASSIGNEE(S): Socratech, L.L.C., USA; The University of Rochester  
SOURCE: PCT Int. Appl., 104 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003104466	A1	20031218	WO 2003-US18334	20030611
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,			

GW, ML, MR, NE, SN, TD, TG  
WO 2002057496 A2 20020725 WO 2002-US1069 20020117  
WO 2002057496 C2 20030501

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: WO 2002-US1069 A 20020117  
US 2002-387426P P 20020611  
US 2002-387427P P 20020611  
US 2002-387913P P 20020613  
US 2001-262064P P 20010118

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 10 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:913280 HCAPLUS

DOCUMENT NUMBER: 139:379453

TITLE: Genes showing altered patterns of expression  
in multiple sclerosis and their diagnostic and  
therapeutic uses

INVENTOR(S): Dangond, Fernando; Hwang, Daehee

PATENT ASSIGNEE(S): Brigham and Women's Hospital, Inc., USA

SOURCE: PCT Int. Appl., 148 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003095618	A2	20031120	WO 2003-US14462	20030507

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,  
TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ,  
MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,  
NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG

US 2004018522 A1 20040129 US 2003-430762 20030506

PRIORITY APPLN. INFO.: US 2002-379284P P 20020509  
US 2003-430762 A1 20030506

L11 ANSWER 11 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:97550 HCAPLUS

DOCUMENT NUMBER: 138:164674

TITLE: Molecular markers for hepatocellular carcinoma and  
their use in diagnosis and therapy

INVENTOR(S): Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan

PATENT ASSIGNEE(S): Germany

SOURCE: PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010336	A2	20030206	WO 2002-EP8305	20020725
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

DE 10136273 A1 20030213 DE 2001-10136273 20010725

WO 2004011945	A2	20040205	WO 2003-EP8243	20030725
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: DE 2001-10136273 A 20010725  
WO 2002-EP8305 A 20020725

L11 ANSWER 12 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:346546 HCAPLUS  
DOCUMENT NUMBER: 139:114947  
TITLE: Phosphorylation-dependent Regulation of Kv2.1 Channel Activity at Tyrosine 124 by Src and by Protein-tyrosine Phosphatase &  
AUTHOR(S): Tiran, Zohar; Peretz, Asher; Attali, Bernard; Elson, Ari  
CORPORATE SOURCE: Department of Molecular Genetics, The Weizmann Institute of Science, Rehovot, 76100, Israel  
SOURCE: Journal of Biological Chemistry (2003), 278(19), 17509-17514  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 13 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:616775 HCAPLUS  
DOCUMENT NUMBER: 139:290011  
TITLE: Human invasive trophoblasts transformed with simian virus 40 provide a new tool to study the role of PPAR $\gamma$  in cell invasion process  
AUTHOR(S): Pavan, Laetitia; Tarrade, Anne; Hermouet, Axelle; Delouis, Claude; Titeux, Mattias; Vidaud, Michel; Therond, Patrice; Evain-Brion, Daniele; Fournier, Thierry

CORPORATE SOURCE: Faculte des Sciences Pharmaceutiques et Biologiques,  
INSERM U427, Universite Rene Descartes, Paris,  
F-75006, Fr.  
SOURCE: Carcinogenesis (2003), 24(8), 1325-1336  
CODEN: CRNGDP; ISSN: 0143-3334  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 14 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:800865 HCAPLUS  
DOCUMENT NUMBER: 140:53674  
TITLE: **Kinase**-dependent regulation of the secretion  
of thyrotropin and luteinizing hormone by  
glucocorticoids and annexin 1 peptides  
AUTHOR(S): John, C. D.; Christian, H. C.; Morris, J. F.; Flower,  
R. J.; Solito, E.; Buckingham, J. C.  
CORPORATE SOURCE: Department of Neuroendocrinology, Division of  
Neuroscience and Psychological Medicine, Imperial  
College London, London, UK  
SOURCE: Journal of Neuroendocrinology (2003), 15(10), 946-957  
CODEN: JOUNE2; ISSN: 0953-8194  
PUBLISHER: Blackwell Publishing Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 15 OF 168 MEDLINE on STN DUPLICATE 4  
ACCESSION NUMBER: 2003102930 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 12616526  
TITLE: **Human** melanoma TrkC: its association with a  
purine-analog-sensitive **kinase** activity.  
AUTHOR: Marchetti Dario; Murry Brian; Galjour Jennifer;  
Wilke-Greiter Andrea  
CORPORATE SOURCE: Department of Comparative Biomedical Sciences, SVM,  
Louisiana State University at Baton Rouge, Baton Rouge,  
Louisiana 70803, USA.. dmarchetti@vetmed.lsu.edu  
CONTRACT NUMBER: R0-1 CA 86832-02 (NCI)  
SOURCE: Journal of cellular biochemistry, (2003 Apr 1) 88 (5)  
865-72.  
Journal code: 8205768. ISSN: 0730-2312.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200311  
ENTRY DATE: Entered STN: 20030305  
Last Updated on STN: 20031217  
Entered Medline: 20031120

L11 ANSWER 16 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:981604 HCAPLUS  
DOCUMENT NUMBER: 139:18966  
TITLE: Identification of residues which regulate activity of  
the STE20-related **kinase** hMINK  
AUTHOR(S): Lim, Jaeseung; Lennard, Andrew; Sheppard, Paul W.;  
Kellie, Stuart  
CORPORATE SOURCE: Yamanouchi Research Institute, Oxford, OX4 4SX, UK  
SOURCE: Biochemical and Biophysical Research Communications  
(2003), 300(3), 694-698  
CODEN: BBRCA9; ISSN: 0006-291X

PUBLISHER: Elsevier Science  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 17 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-16791 BIOTECHDS  
TITLE: A combination of plasmid DNAs encoding murine fetal liver  
**kinase 1** extracellular domain, murine interleukin-12,  
and murine interferon-gamma inducible protein-10 leads to  
tumor regression and survival in melanoma-bearing mice;  
plasmid-mediated gene transfer, **expression** in  
mouse melanoma cell useful for tumor and leukemia therapy  
AUTHOR: LADELL K; HEINRICH J; SCHWENEKER M; MOELLING K  
CORPORATE SOURCE: Univ Zurich  
LOCATION: Moelling K, Univ Zurich, Inst Med Virol, Gloriastr 30,  
CH-8028 Zurich, Switzerland  
SOURCE: JOURNAL OF MOLECULAR MEDICINE-JMM; (2003) 81, 4, 271-278  
ISSN: 0946-2716  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 18 OF 168 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2003:454226 SCISEARCH  
THE GENUINE ARTICLE: 681WY  
TITLE: High-sensitivity C-reactive protein and left ventricular  
remodeling in patients with acute myocardial infarction  
AUTHOR: Uehara K; Nomura M (Reprint); Ozaki Y; Fujinaga H; Ikefuji  
H; Kimura M; Chikamori K; Nakaya Y; Ito S  
CORPORATE SOURCE: Univ Tokushima, Sch Med, Dept Digest & Cardiovasc Mol,  
Tokushima 7708503, Japan (Reprint); Kochi Red Cross Hosp,  
Dept Internal Med, Kochi, Japan; Univ Tokushima, Sch Med,  
Dept Nutr, Tokushima 770, Japan  
COUNTRY OF AUTHOR: Japan  
SOURCE: HEART AND VESSELS, (MAY 2003) Vol. 18, No. 2, pp. 67-74.  
Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY  
10010 USA.  
ISSN: 0910-8327.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 35  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L11 ANSWER 19 OF 168 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2003:352548 BIOSIS  
DOCUMENT NUMBER: PREV200300352548  
TITLE: Quantitative RT-PCR reveals a ubiquitous but preferentially  
neural **expression** of the KIS gene in rat and  
**human**.  
AUTHOR(S): Bieche, Ivan; Manceau, Valerie; Curmi, Patrick A.;  
Laurendeau, Ingrid; Lachkar, Sylvie; Leroy, Karen; Vidaud,  
Dominique; Sobel, Andre; Maucuer, Alexandre [Reprint  
Author]  
CORPORATE SOURCE: U440 INSERM/UPMC, Institut du Fer a Moulin, 17, Rue du Fer  
a Moulin, 75005, Paris, France  
maucuer@ifm.inserm.fr  
SOURCE: Molecular Brain Research, (26 May 2003) Vol. 114, No. 1,  
pp. 55-64. print.  
ISSN: 0169-328X (ISSN print).  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 30 Jul 2003  
Last Updated on STN: 30 Jul 2003

L11 ANSWER 20 OF 168 MEDLINE on STN DUPLICATE 5  
ACCESSION NUMBER: 2003551080 IN-PROCESS  
DOCUMENT NUMBER: PubMed ID: 14631099  
TITLE: Molecular **cloning** and characterization of a novel  
**human kinase** gene, PDIK1L.  
AUTHOR: Guo Lingchen; Ji Chaoneng; Gu Shaohua; Ying Kang; Cheng  
Haipeng; Ni Xiaohua; Liu Jianping; Xie Yi; Mao Yumin  
CORPORATE SOURCE: State Key Laboratory of Genetic Engineering, Institute of  
Genetics, School of Life Sciences, Fudan University,  
Shanghai 200433, People's Republic of China.  
SOURCE: Journal of genetics, (2003 Apr-Aug) 82 (1-2) 27-32.  
Journal code: 2985113R. ISSN: 0022-1333.  
PUB. COUNTRY: India  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals  
ENTRY DATE: Entered STN: 20031122  
Last Updated on STN: 20031219

L11 ANSWER 21 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:1003243 HCAPLUS  
TITLE: **Expression** of human protein in  
mg-amounts  
AUTHOR(S): Fletcher, Julia; Coffman, Ashley; Keppetipola,  
Shiranthi; Kudlicki, Wieslaw  
CORPORATE SOURCE: Invitrogen Corporation, Carlsbad, CA, USA  
SOURCE: LaborPraxis (2003), 27(9), 20-22  
CODEN: LAPRDE; ISSN: 0344-1733  
PUBLISHER: Vogel Industrie Medien GmbH & Co. KG  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: German

L11 ANSWER 22 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-01882 BIOTECHDS  
TITLE: New peptides related to serine/threonine protein  
**kinase** subfamily, useful for treating disorders  
associated with abnormal **expression** of  
**kinase** in prostate, lungs and **brain**, in  
drug screening assays and pharmacogenomic analysis;  
**recombinant** protein production and sense and  
antisense sequence use in gene therapy  
AUTHOR: BEASLEY E M; YE J; YAN C; KETCHUM K A; DI FRANCESCO V  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: WO 2002059288 1 Aug 2002  
APPLICATION INFO: WO 2002-US930 15 Jan 2002  
PRIORITY INFO: US 2001-819607 29 Mar 2001; US 2001-263162 23 Jan 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-599781 [64]

L11 ANSWER 23 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-09273 BIOTECHDS  
TITLE: New isolated MLK7 polynucleotide and polypeptide, useful for  
the diagnosis or treatment of disorders with aberrant  
**expression** or activity of the MLK7 polypeptide, such  
as cancer, neurodegenerative disorders and inflammation;  
plasmid pcDNA6-V5His or virus vector-mediated gene  
transfer and **expression** in bacterium, yeast,  
insect or mammal cell for **recombinant** protein  
production for use in disease diagnosis and therapy  
AUTHOR: ANGELES T S; DURKIN J T; HOLSKIN B P; MEYER S L; SPAIS C M  
PATENT ASSIGNEE: CEPHALON INC  
PATENT INFO: WO 2002095017 28 Nov 2002



APPLICATION INFO: WO 2002-US16387 23 May 2002  
PRIORITY INFO: US 2001-293381 24 May 2001; US 2001-293381 24 May 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-148466 [14]

L11 ANSWER 24 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-06755 BIOTECHDS  
TITLE: New peptides related to calcium/calmodulin-dependent protein  
kinase subfamily useful for treating disorders  
associated with abnormal **expression** of  
kinase in fetal **brain**, testis, lung small  
cell carcinoma, uterus adenocarcinoma;  
vector-mediated **recombinant** protein gene  
transfer and **expression** in host cell for use in  
drug screening, gene therapy and pharmacogenetics  
AUTHOR: SHAO W; MERKULOV G V; DI FRANCESCO V  
PATENT ASSIGNEE: PE CORP NY; BEASLEY E M  
PATENT INFO: WO 2002079431 10 Oct 2002  
APPLICATION INFO: WO 2002-US9744 1 Apr 2002  
PRIORITY INFO: US 2001-820790 30 Mar 2001; US 2001-820790 30 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-046806 [04]

L11 ANSWER 25 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-06722 BIOTECHDS  
TITLE: New peptides related to P2X-like purigenic receptor  
subfamily, useful for treating disorders associated with  
abnormal **expression** of protease in anaplastic  
oligodendroglioma, leukemia, carcinoid lung, or large cell  
lung carcinoma;  
**recombinant** protein production, transgenic  
animal and drug screening useful for gene therapy,  
functional genomics and pharmacogenomics analysis  
AUTHOR: WEI M; GONG F; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: WO 2002079229 10 Oct 2002  
APPLICATION INFO: WO 2002-US9545 28 Mar 2002  
PRIORITY INFO: US 2001-820095 29 Mar 2001; US 2001-820095 29 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-040648 [03]

L11 ANSWER 26 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-03168 BIOTECHDS  
TITLE: New **human** EGF-module-containing mucin-like hormone  
receptor 1 (EMR1) peptides and nucleic acid molecules useful  
for treating disorders associated with abnormal  
**expression** of EMR1 in kidney tumors, **brain**  
glioblastomas, leukocytes;  
**human recombinant** protein production,  
DNA chip and transgenic animal useful for disease gene  
therapy, tissue typing and pharmacogenomics  
AUTHOR: GONG F; KETCHUM K A; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: WO 2002066644 29 Aug 2002  
APPLICATION INFO: WO 2002-US2627 31 Jan 2002  
PRIORITY INFO: US 2001-784317 16 Feb 2001; US 2001-784317 16 Feb 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-674943 [72]

L11 ANSWER 27 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-01912 BIOTECHDS  
TITLE: New **human kinase** peptide and nucleic acid molecule, useful for treating disorders associated with abnormal **expression** of **kinase** protein, e.g. adenocarcinoma of uterus or lung, in drug screening assays and pharmacogenomic analysis; vector-mediated **recombinant** protein gene transfer and **expression** in host cell for use in drug screening, pharmacogenetics and gene therapy  
AUTHOR: YAN C; KETCHUM K; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: WO 2002061060 8 Aug 2002  
APPLICATION INFO: WO 2002-US1106 17 Jan 2002  
PRIORITY INFO: US 2001-801861 9 Mar 2001; US 2001-265151 31 Jan 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-608515 [65]

L11 ANSWER 28 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-00711 BIOTECHDS  
TITLE: Isolated **human SNF-kinase** polynucleotides, useful for preventing, diagnosing and treating e.g. cancer, inflammation, immune disorders and disorders affecting growth and development; **recombinant** enzyme protein production and sense and antisense sequence use in disease therapy and gene therapy

AUTHOR: GUEGLER K; KETCHUM K A; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: US 6410294 25 Jun 2002  
APPLICATION INFO: US 2000-734673 13 Dec 2000  
PRIORITY INFO: US 2000-734673 13 Dec 2000; US 2000-734673 13 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-588889 [63]

L11 ANSWER 29 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2002-17807 BIOTECHDS  
TITLE: Nucleic acid molecules encoding calcium/calmodulin-dependent protein **kinases**, useful for preventing diagnosing and treating e.g. cancers, psoriasis and inflammation; **recombinant** protein production by vector-mediated gene transfer and **expression** in host cell, useful for gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: US 6387677 14 May 2002  
APPLICATION INFO: US 2001-800960 8 Mar 2001  
PRIORITY INFO: US 2001-800960 8 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-478444 [51]

L11 ANSWER 30 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:555634 HCAPLUS  
DOCUMENT NUMBER: 137:120707  
TITLE: Protein, gene and cDNA sequences of a novel **human kinase** protein related to receptor tyrosine **kinase** and their uses in drug screening  
INVENTOR(S): Guegler, Karl; Webster, Marion; Di Francesco, Valentina; Beasley, Ellen M.  
PATENT ASSIGNEE(S): PE Corporation, USA  
SOURCE: PCT Int. Appl., 346 pp.

CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002057432	A2	20020725	WO 2002-US112	20020102
WO 2002057432	A3	20030424		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 6630334	B1	20031007	US 2001-751389	20010102
US 2003175791	A1	20030918	US 2003-412277	20030414
PRIORITY APPLN. INFO.:			US 2001-751389	A 20010102

L11 ANSWER 31 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:408781 HCAPLUS  
DOCUMENT NUMBER: 137:2411  
TITLE: Protein and cDNA sequences of human  
kinase sequence homologs  
INVENTOR(S): Friddle, Carl Johan; Hilbun, Erin; Mathur, Brian;  
Turner, C. Alexander, Jr.  
PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA  
SOURCE: PCT Int. Appl., 43 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002042438	A2	20020530	WO 2001-US43825	20011119
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002028633	A5	20020603	AU 2002-28633	20011119
US 2002110908	A1	20020815	US 2001-992481	20011119
US 6593125	B2	20030715		
US 2003181705	A1	20030925	US 2003-434034	20030508
PRIORITY APPLN. INFO.:			US 2000-252011P	P 20001120
			US 2001-992481	A1 20011119
			WO 2001-US43825	W 20011119

L11 ANSWER 32 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:391912 HCAPLUS  
DOCUMENT NUMBER: 137:1836  
TITLE: Measurement of DNA methylation for analysis of the  
toxicology of substances  
INVENTOR(S): Olek, Alexander; Piepenbrock, Christian; Berlin, Kurt

PATENT ASSIGNEE(S): Epigenomics Ag, Germany  
 SOURCE: PCT Int. Appl., 113 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040710	A2	20020523	WO 2001-EP12951	20011108
WO 2002040710	A3	20030530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10056802	A1	20020529	DE 2000-10056802	20001114
AU 2002023672	A5	20020527	AU 2002-23672	20011108
EP 1337668	A2	20030827	EP 2001-996625	20011108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.:			DE 2000-10056802 A	20001114
			WO 2001-EP12951 W	20011108

L11 ANSWER 33 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:293825 HCAPLUS  
 DOCUMENT NUMBER: 136:321268  
 TITLE: Protein and cDNA sequences of human kinase sequence homologs  
 INVENTOR(S): Turner, C. Alexander, Jr.; Mathur, Brian  
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA  
 SOURCE: PCT Int. Appl., 41 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002013183	A5	20020422	AU 2002-13183	20011011
US 2002128458	A1	20020912	US 2001-975326	20011011
US 6476210	B2	20021105		
US 2003023063	A1	20030130	US 2002-217357	20020809
US 6610537	B2	20030826		
US 2003207319	A1	20031106	US 2003-462887	20030617
PRIORITY APPLN. INFO.:			US 2000-239821P P	20001012
			US 2001-975326 A1	20011011

WO 2001-US32010 W 20011011  
US 2002-217357 A3 20020809

L11 ANSWER 34 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:240979 HCAPLUS  
DOCUMENT NUMBER: 136:274331  
TITLE: Protein, gene and cDNA sequences of **human**  
calcium/calmodulin-dependent protein **kinase**  
**kinase** sequence homolog and diagnostic and  
therapeutic uses thereof  
INVENTOR(S): Beasley, Ellen M.; Wei, Ming-Hui; Bonazzi, Vivien R.;  
Sanders, Robert; Di Francesco, Valentina  
PATENT ASSIGNEE(S): PE Corporation (NY), USA  
SOURCE: PCT Int. Appl., 89 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002024920	A2	20020328	WO 2001-US29161	20010919
WO 2002024920	A3	20030313		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2002086391	A1	20020704	US 2000-729995	20001206
US 6426206	B2	20020730		
AU 2001092755	A5	20020402	AU 2001-92755	20010919
EP 1320613	A2	20030625	EP 2001-973147	20010919
R:	AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2002123121	A1	20020905	US 2002-135689	20020501
US 6670162	B2	20031230		
PRIORITY APPLN. INFO.:			US 2000-233493P P	20000919
			US 2000-247031P P	20001113
			US 2000-729995 A	20001206
			WO 2001-US29161 W	20010919

L11 ANSWER 35 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:794225 HCAPLUS  
DOCUMENT NUMBER: 137:305806  
TITLE: Protein, gene and cDNA sequences of a novel  
**human** protein **kinase** related to  
MAP/microtubule affinity-regulating **kinase**  
(MARK) and their uses in drug screening  
INVENTOR(S): Yan, Xianghe; Ketchum, Karen; Di Francesco, Valentina;  
Beasley, Ellen M.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 95 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

-----  
US 2002151020      A1      20021017      US 2001-835081      20010416  
PRIORITY APPLN. INFO.:      US 2001-835081      20010416

L11 ANSWER 36 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:696559 HCAPLUS

DOCUMENT NUMBER: 137:227754

TITLE: Protein, gene and cDNA sequences of a novel

**human kinase** protein related to

serine/threonine protein **kinase** and their

uses in drug screening

INVENTOR(S): Ye, Jane; Yan, Chunhua; Di Francesco, Valentina;

Beasley, Ellen M.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 174 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002127683	A1	20020912	US 2001-801876	20010309
US 6492155	B2	20021210		
US 2003027307	A1	20030206	US 2002-254869	20020926
US 6653117	B2	20031125		

PRIORITY APPLN. INFO.:      US 2001-801876      A3 20010309

L11 ANSWER 37 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:674778 HCAPLUS

DOCUMENT NUMBER: 137:212032

TITLE: **Human G** protein-coupled receptor  
**kinase** gene 69087, nuclear protein gene 15821,  
and protein **kinase** phosphatase gene 15418  
and their uses

INVENTOR(S): Kapeller-Libermann, Rosana; Bandaru, Rajasekhar

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 98 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002123464	A1	20020905	US 2001-44205	20011022
WO 2002095032	A2	20021128	WO 2001-US51623	20011022
WO 2002095032	A3	20040115		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,  
PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,  
US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:      US 2000-241884P      P      20001019  
                                 US 2000-241877P      P      20001020  
                                 US 2000-242428P      P      20001023

L11 ANSWER 38 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:488124 HCAPLUS  
 DOCUMENT NUMBER: 137:59517  
 TITLE: **Human AURORA-1 and AURORA-2 kinases**  
 , cDNA and amino acid sequences, and  
**recombinant production**  
 INVENTOR(S): Plowman, Gregory; Mossie, Kevin  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 43 pp., Cont.-in-part of U.S.  
 Ser. No. 5,268, abandoned.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 4  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002081578	A1	20020627	US 1998-12135	19980122
CN 1205740	A	19990120	CN 1996-199101	19961125
US 5962312	A	19991005	US 1996-755728	19961125
CA 2318352	AA	19990729	CA 1999-2318352	19990121
WO 9937788	A2	19990729	WO 1999-US1283	19990121
WO 9937788	A3	19990930		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG AU 9925605 A1 19990809 AU 1999-25605 19990121 EP 1051500 A2 20001115 EP 1999-905450 19990121 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI JP 2002508937 T2 20020326 JP 2000-528695 19990121 US 6207401 B1 20010327 US 1999-283011 19990331 PRIORITY APPLN. INFO.: US 1995-8809P P 19951218 US 1996-23943P P 19960814 US 1996-755728 A2 19961125 US 1998-5268 B2 19980109 US 1998-12135 A 19980122 WO 1999-US1283 W 19990121				

L11 ANSWER 39 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:72748 HCAPLUS  
 DOCUMENT NUMBER: 136:146104  
 TITLE: **Human stress genes identified using DNA**  
 microarrays  
 INVENTOR(S): Chenchik, Alex; Lukashev, Matvey E.  
 PATENT ASSIGNEE(S): Clontech, USA  
 SOURCE: U.S. Pat. Appl. Publ., 57 pp., Cont.-in-part of U.S.  
 Ser. No. 441,920.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002009730	A1	20020124	US 2001-782909	20010213
PRIORITY APPLN. INFO.:				
			US 1998-222256	B2 19981228
			US 1999-440305	B2 19991117

L11 ANSWER 40 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:1236 HCAPLUS

DOCUMENT NUMBER: 138:68934

TITLE: Identification, genomic and cDNA sequences and  
cloning of a human protein  
kinase N sequence homologINVENTOR(S): Rusch, Douglas; Ketchum, Karen A.; Di Francesco,  
Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: U.S., 44 pp., Cont.-in-part of U. S. Ser. No. 773,371,  
abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6500655	B1	20021231	US 2001-849334	20010507
WO 2002061062	A2	20020808	WO 2002-US2152	20020129
WO 2002061062	A3	20030522		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1358338	A2	20031105	EP 2002-713461	20020129
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
WO 2002090525	A2	20021114	WO 2002-US7155	20020308
WO 2002090525	A3	20030327		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1385863	A2	20040204	EP 2002-725095	20020308
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2003049792	A1	20030313	US 2002-274878	20021022
US 6670163	B2	20031230		
PRIORITY APPLN. INFO.:			US 2001-773371	B2 20010201
			US 2001-849334	A 20010507
			WO 2002-US2152	W 20020129
			WO 2002-US7155	W 20020308

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 41 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:941845 HCAPLUS

DOCUMENT NUMBER: 138:21334

TITLE: Protein, gene and cDNA sequences of a novel



human protein kinase related to  
serine/threonine kinase and their uses in  
drug screening

INVENTOR(S): Yan, Chunhua; Li, Zhenya; Neelam, Beena; Difrancesco,  
Valentina; Beasley, Ellen M.  
PATENT ASSIGNEE(S): PE Corporation (Ny), USA  
SOURCE: U.S., 107 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
US 2003232408	A1	20031218	US 2002-274194	20021021
WO 2003038115	A2	20030508	WO 2002-US34869	20021031
WO 2003038115	A3	20040122		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,  
RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-984890 A3 20011031  
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 42 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:711375 HCAPLUS

DOCUMENT NUMBER: 137:228389

TITLE: Vertebrate homologs of the fused gene and the gene  
products

INVENTOR(S): De Sauvage, Frederic; Rosenthal, Arnon; Murone,  
Maximilien

PATENT ASSIGNEE(S): Genentech, Inc., USA

SOURCE: U.S., 140 pp., Cont.-in-part of U.S. Ser. No. 258,000,  
abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6451977	B1	20020917	US 1999-392277	19990903
US 6531579	B1	20030311	US 1999-258000	19990225

PRIORITY APPLN. INFO.: US 1998-76072P P 19980226  
US 1999-258000 B2 19990225

REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 43 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:305167 HCAPLUS

DOCUMENT NUMBER: 138:298879

TITLE: Human 12.54-kDa serine/threonine protein  
kinase like protein and its cDNA and

therapeutic use  
 INVENTOR(S): Mao, Yumin; Xie, Yi  
 PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep. China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 34 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1358851	A	20020717	CN 2000-127893	20001213
PRIORITY APPLN. INFO.:			CN 2000-127893	20001213

L11 ANSWER 44 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:305166 HCAPLUS  
 DOCUMENT NUMBER: 138:298878  
 TITLE: Human 17.6-kDa phosphatidylinositol 3 kinase like protein and its cDNA and therapeutic use  
 INVENTOR(S): Mao, Yumin; Xie, Yi  
 PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep. China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 33 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1358850	A	20020717	CN 2000-127880	20001213
PRIORITY APPLN. INFO.:			CN 2000-127880	20001213

L11 ANSWER 45 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:286608 HCAPLUS  
 DOCUMENT NUMBER: 138:282395  
 TITLE: Human 75.90-kDa myotonic dystrophy protein kinase like protein and its cDNA and therapeutic use  
 INVENTOR(S): Mao, Yumin; Xie, Yi  
 PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co., Ltd., Peop. Rep. China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 35 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1352281	A	20020605	CN 2000-127415	20001110
PRIORITY APPLN. INFO.:			CN 2000-127415	20001110

L11 ANSWER 46 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:155959 HCAPLUS  
 DOCUMENT NUMBER: 138:164837  
 TITLE: Human 9.9-kDa thymidine kinase like protein and its cDNA and therapeutic use  
 INVENTOR(S): Mao, Yumin; Xie, Yi

PATENT ASSIGNEE(S): Shanghai Biowindow Gene Development, Inc., Peop. Rep. China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 32 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1345950	A	20020424	CN 2000-125322	20000922
PRIORITY APPLN. INFO.:			CN 2000-125322	20000922

L11 ANSWER 47 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:732013 HCAPLUS  
 DOCUMENT NUMBER: 138:1084  
 TITLE: Human serine/threonine protein kinase-like protein and cDNA sequences, recombinant production and therapeutic uses  
 INVENTOR(S): Mao, Yumin; Xie, Yi  
 PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co., Ltd., Peop. Rep. China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 38 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1329157	A	20020102	CN 2000-116663	20000621
PRIORITY APPLN. INFO.:			CN 2000-116663	20000621

L11 ANSWER 48 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:677975 HCAPLUS  
 DOCUMENT NUMBER: 137:365377  
 TITLE: The synthesis of inositol hexakisphosphate. Characterization of human inositol 1,3,4,5,6-pentakisphosphate 2-kinase  
 AUTHOR(S): Verbsky, John W.; Wilson, Monita P.; Kisseleva, Marina V.; Majerus, Philip W.; Wente, Susan R.  
 CORPORATE SOURCE: Department of Internal Medicine, Washington University School of Medicine, St. Louis, MO, 63110, USA  
 SOURCE: Journal of Biological Chemistry (2002), 277(35), 31857-31862  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 49 OF 168 MEDLINE on STN DUPLICATE 7  
 ACCESSION NUMBER: 2002347257 MEDLINE  
 DOCUMENT NUMBER: 22075121 PubMed ID: 11956206  
 TITLE: Ceramide kinase, a novel lipid kinase. Molecular cloning and functional characterization.  
 AUTHOR: Sugiura Masako; Kono Keita; Liu Hong; Shimizugawa Tetsuya; Minekura Hiroyuki; Spiegel Sarah; Kohama Takafumi

CORPORATE SOURCE: Pharmacology and Molecular Biology Research Laboratories,  
Sankyo Co., Ltd., Tokyo 140-8710, Japan.  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jun 28) 277 (26)  
23294-300.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AB079066; GENBANK-AB079067  
ENTRY MONTH: 200208  
ENTRY DATE: Entered STN: 20020702  
Last Updated on STN: 20030105  
Entered Medline: 20020806

L11 ANSWER 50 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:404409 HCAPLUS  
DOCUMENT NUMBER: 137:152764  
TITLE: Alternative splice variants of doublecortin-like  
**kinase** are differentially **expressed**  
and have different **kinase** activities  
AUTHOR(S): Burgess, Harold A.; Reiner, Orly  
CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute  
of Science, Rehovot, 76100, Israel  
SOURCE: Journal of Biological Chemistry (2002), 277(20),  
17696-17705  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 51 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:971507 HCAPLUS  
DOCUMENT NUMBER: 138:351624  
TITLE: **Human** endometrial epithelial cells  
**express** ephrin A1: Possible interaction  
between **human** blastocysts and endometrium  
via Eph-ephrin system  
AUTHOR(S): Fujiwara, Hiroshi; Yoshioka, Shinya; Tatsumi, Keiji;  
Kosaka, Kenzo; Satoh, Yukiyasu; Nishioka, Yoshihiro;  
Egawa, Miho; Higuchi, Toshihiro; Fujii, Shingo  
CORPORATE SOURCE: Department of Gynecology and Obstetrics, Faculty of  
Medicine, Kyoto University, Kyoto, 606-8507, Japan  
SOURCE: Journal of Clinical Endocrinology and Metabolism  
(2002), 87(12), 5801-5807  
CODEN: JCEMAZ; ISSN: 0021-972X  
PUBLISHER: Endocrine Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 52 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:469408 HCAPLUS  
DOCUMENT NUMBER: 137:290746  
TITLE: **Cloning** and characterization of PAK5, a  
novel member of mammalian p21-activated **kinase**  
-II subfamily that is predominantly **expressed**  
**in brain**  
AUTHOR(S): Pandey, Akhilesh; Dan, Ippeita; Kristiansen, Troels  
Z.; Watanabe, Norinobu M.; Voldby, Jesper; Kajikawa,

Eriko; Khosravi-Far, Roya; Blagoev, Blagoy; Mann, Matthias  
 CORPORATE SOURCE: Center for Experimental Bioinformatics, University of Southern Denmark, Odense M, DK-5230, Den.  
 SOURCE: Oncogene (2002), 21(24), 3939-3948  
 CODEN: ONCNES; ISSN: 0950-9232  
 PUBLISHER: Nature Publishing Group  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 53 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:177948 HCAPLUS  
 DOCUMENT NUMBER: 137:74937  
 TITLE: Phosphorylation of a novel zinc-finger-like protein, ZPR9, by murine protein serine/threonine kinase 38 (MPK38)  
 AUTHOR(S): Seong, Hyun-A.; Gil, Minchan; Kim, Kyong-Tai; Kim, Sung-Jin; Ha, Hyunjung  
 CORPORATE SOURCE: Department of Biochemistry, School of Life Sciences, Research Center for Bioresource and Health, Chungbuk National University, Chungbuk, 361-763, S. Korea  
 SOURCE: Biochemical Journal (2002), 361(3), 597-604  
 CODEN: BIJOAK; ISSN: 0264-6021  
 PUBLISHER: Portland Press Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 54 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:725482 HCAPLUS  
 DOCUMENT NUMBER: 138:69654  
 TITLE: Expression and characterization of a human cDNA that complements the temperature-sensitive defect in dolichol kinase activity in the yeast sec59-1 mutant: the enzymatic phosphorylation of dolichol and diacylglycerol are catalyzed by separate CTP-mediated kinase activities in Saccharomyces cerevisiae  
 AUTHOR(S): Fernandez, Fabiana; Shridas, Preetha; Jiang, Songmin; Aebi, Markus; Waechter, Charles J.  
 CORPORATE SOURCE: ETH Zentrum, Institut fur Mikrobiologie, Zurich, CH-8092, Switz.  
 SOURCE: Glycobiology (2002), 12(9), 555-562  
 CODEN: GLYCE3; ISSN: 0959-6658  
 PUBLISHER: Oxford University Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 55 OF 168 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 DUPLICATE 8  
 ACCESSION NUMBER: 2002:460533 BIOSIS  
 DOCUMENT NUMBER: PREV200200460533  
 TITLE: Dissection of angiogenic signaling in zebrafish using a chemical genetic approach.  
 AUTHOR(S): Chan, Joanne [Reprint author]; Bayliss, Peter E.; Wood, Jeanette M.; Roberts, Thomas M.  
 CORPORATE SOURCE: Department of Cancer Biology, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA, USA  
 jochan@mbcrr.harvard.edu

SOURCE: Cancer Cell, (April, 2002) Vol. 1, No. 3, pp. 257-267.  
print.  
ISSN: 1535-6108.

DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 28 Aug 2002  
Last Updated on STN: 28 Aug 2002

L11 ANSWER 56 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:868653 HCAPLUS  
DOCUMENT NUMBER: 136:15959  
TITLE: Nucleic acid encoding a **human**  
serine/threonine protein **kinase** and its  
screening and therapeutic uses

INVENTOR(S): Wei, Ming-hHi; Zhu, Shiao ping; Woodage, Trevor; Di  
Francesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): Applera Corporation, USA  
SOURCE: PCT Int. Appl., 66 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090328	A2	20011129	WO 2001-US16760	20010524
WO 2001090328	A3	20020718		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6482935	B1	20021119	US 2000-691861	20001018
EP 1290185	A2	20030312	EP 2001-937689	20010524
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003534008	T2	20031118	JP 2001-587124	20010524
US 2003022232	A1	20030130	US 2002-259740	20020930
PRIORITY APPLN. INFO.:			US 2000-206550P P	20000524
			US 2000-691861 A	20001018
			WO 2001-US16760 W	20010524

L11 ANSWER 57 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:851353 HCAPLUS  
DOCUMENT NUMBER: 136:2248  
TITLE: **Human** and mouse neuronal serine-threonine  
protein **kinases** and cDNAs and methods for  
diagnosis and treatment of neurological diseases and  
cancer

INVENTOR(S): Schneider, Armin; Klaussner, Bettina; Fischer, Achim;  
Newrzella, Dieter; Goetz, Bernhard; Rossner, Moritz;  
Eisenhardt, Gisela; Kuner, Rohini; Trutzel, Annette;  
Kammandel, Birgitta; Jomana, Naim Stephanie;  
Schwaninger, Markus

PATENT ASSIGNEE(S): BASF-Lynx Bioscience A.-G., Germany  
SOURCE: PCT Int. Appl., 75 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001088108	A1	20011122	WO 2001-EP5660	20010517
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10024171	A1	20011220	DE 2000-10024171	20000517
EP 1282700	A1	20030212	EP 2001-936370	20010517
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003533226	T2	20031111	JP 2001-585316	20010517
PRIORITY APPLN. INFO.: DE 2000-10024171 A 20000517 WO 2001-EP5660 W 20010517				
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L11 ANSWER 58 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2001:833383 HCAPLUS  
DOCUMENT NUMBER: 135:370639  
TITLE: Human IgM antibodies with the capability of inducing remyelination, and diagnostic and therapeutic uses thereof particularly in the central nervous system  
INVENTOR(S): Rodriguez, Moses; Miller, David J.; Pease, Larry R.  
PATENT ASSIGNEE(S): Mayo Foundation for Medical Education & research, USA  
SOURCE: PCT Int. Appl., 219 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001085797	A1	20011115	WO 2000-US14902	20000530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1294770	A1	20030326	EP 2000-948498	20000530
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
BR 2000015875	A	20030624	BR 2000-15875	20000530
PRIORITY APPLN. INFO.: US 2000-568351 A2 20000510 WO 2000-US14902 W 20000530				
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L11 ANSWER 59 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2001:763200 HCAPLUS

DOCUMENT NUMBER: 135:328144  
 TITLE: Novel human protein and cDNA sequences of kinases and its therapeutic use  
 INVENTOR(S): Plowman, Gregory; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo; Caenepeel, Sean  
 PATENT ASSIGNEE(S): Sugan, Inc., USA.  
 SOURCE: PCT Int. Appl., 167 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077338	A2	20011018	WO 2001-US11675	20010410
WO 2001077338	A3	20020829		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1278859	A2	20030129	EP 2001-924901	20010410
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003530110	T2	20031014	JP 2001-575192	20010410
US 2003224378	A1	20031204	US 2003-240315	20030225
PRIORITY APPLN. INFO.:				
			US 2000-195953P	P 20000410
			US 2000-201015P	P 20000501
			US 2000-213805P	P 20000622
			WO 2001-US11675	W 20010410

L11 ANSWER 60 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:693508 HCAPLUS  
 DOCUMENT NUMBER: 135:269286  
 TITLE: Human protein kinase Akt3 and cDNAs encoding it and the use of the enzyme in treatment of hypoxia, apoptosis or necrosis  
 INVENTOR(S): Guo, Kun; Pagnoni, Marco F.; Clark, Kenneth L.; Ivashchenko, Yuri D.  
 PATENT ASSIGNEE(S): Aventis Pharmaceuticals Products Inc., USA  
 SOURCE: PCT Int. Appl., 73 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001068850	A2	20010920	WO 2001-US7663	20010309
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				



US 2003100049 A1 20030529 US 2000-526043 20000314  
PRIORITY APPLN. INFO.: US 2000-526043 A 20000314  
US 1999-125108P P 19990319

L11 ANSWER 61 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:693484 HCAPLUS

DOCUMENT NUMBER: 135:269296

TITLE: Cloning, sequence and diagnostic and  
therapeutic applications of human NIM1  
kinase

INVENTOR(S): Bandman, Olga; Magnaghi, Paola; Bosotti, Roberta;  
Scacheri, Emanuela; Isacchi, Antonella; Hodgson, David  
M.

PATENT ASSIGNEE(S): Incyte Pharmaceuticals, Inc., USA; Molteni, Angela

SOURCE: PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001068825	A1	20010920	WO 2000-US7715	20000322
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6458561	B1	20021001	US 2000-523849	20000313
EP 1274835	A1	20030115	EP 2000-923083	20000322
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY			

JP 2004503211 T2 20040205 JP 2001-567309 20000322

PRIORITY APPLN. INFO.: US 2000-523849 A2 20000313

WO 2000-US7715 W 20000322

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 62 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:676960 HCAPLUS

DOCUMENT NUMBER: 135:237660

TITLE: Protein and cDNA sequences of novel human  
kinase interacting protein homologs and uses  
thereof in diagnosis, therapy and drug screening

INVENTOR(S): Mathur, Brian; Turner, C. Alexander, Jr.

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001066760	A2	20010913	WO 2001-US7499	20010308
WO 2001066760	A3	20020530		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,			

HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,  
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 US 2002082406 A1 20020627 US 2001-802116 20010308  
 EP 1343901 A2 20030917 EP 2001-918467 20010308  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI, CY, TR  
 PRIORITY APPLN. INFO.: US 2000-187719P P 20000308  
 WO 2001-US7499 W 20010308

L11 ANSWER 63 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:676815 HCAPLUS

DOCUMENT NUMBER: 135:253739

TITLE: Cloning, sequencing, expression  
 and therapeutic applications of human  
 protein kinases and protein kinase  
 -like enzymes

INVENTOR(S): Plowman, Gregory D.; Whyte, David; Manning, Gerard;  
 Sudarsanam, Sucha; Martinez, Ricardo

PATENT ASSIGNEE(S): Sugan, Inc., USA

SOURCE: PCT Int. Appl., 200 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001066594	A2	20010913	WO 2001-US6838	20010302
WO 2001066594	A3	20020510		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1261636	A2	20021204	EP 2001-913283	20010302
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2003211989	A1	20031113	US 2003-220955	20030226
PRIORITY APPLN. INFO.:			US 2000-187150P P 20000306	
			US 2000-193404P P 20000329	
			US 2000-247013P P 20001113	
			WO 2001-US6838 W 20010302	

L11 ANSWER 64 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:618177 HCAPLUS

DOCUMENT NUMBER: 135:191337

TITLE: Protein and cDNA sequences of novel human  
 kinase homologs and uses thereof in diagnosis,  
 therapy and drug screening

INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris; Turner, C.  
 Alexander, Jr.; Zambrowicz, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003531577	T2	20031028	JP 2001-559853	20010215
PRIORITY APPLN. INFO.:			US 2000-183582P	P 20000218
			US 2000-184014P	P 20000222
			WO 2001-US5356	W 20010215

L11 ANSWER 65 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:397023 HCAPLUS

DOCUMENT NUMBER: 135:30738

TITLE: Novel human protein kinases and protein kinase-like enzymes and their cDNA sequences

INVENTOR(S): Plowman, Gregory D.; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo; Flanagan, Peter; Clary, Douglas

PATENT ASSIGNEE(S): Sugen, Inc., USA

SOURCE: PCT Int. Appl., 433 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001038503	A2	20010531	WO 2000-US32085	20001122
WO 2001038503	A3	20020131		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1240194	A2	20020918	EP 2000-982200	20001122
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003514583	T2	20030422	JP 2001-540254	20001122
PRIORITY APPLN. INFO.:			US 1999-167482P	A1 19991124
			WO 2000-US32085	W 20001122

L11 ANSWER 66 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:338572 HCAPLUS

DOCUMENT NUMBER: 134:348996

TITLE: Bovine, human, and rat growth hormone secretagogue receptor ligand protein and uses in diagnosis and therapy

INVENTOR(S): Hinuma, Shuji; Kawamata, Yuji; Fukusumi, Shoji; Fujii, Ryo

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001032705	A1	20010510	WO 2000-JP7635	20001031
W:	AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
JP 2001190276	A2	20010717	JP 1999-358723	19991217
AU 2000079637	A5	20010514	AU 2000-79637	20001031
EP 1227105	A1	20020731	EP 2000-970212	20001031
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			

PRIORITY APPLN. INFO.: JP 1999-311632 A 19991101  
JP 1999-358723 A 19991217  
WO 2000-JP7635 W 20001031

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 67 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:320122 HCAPLUS

DOCUMENT NUMBER: 134:337616

TITLE: Human sphingosine kinase gene

INVENTOR(S): Allen, Janet; Gosink, Mark; Melendez, Alirio J.; Takacs, Laszlo

PATENT ASSIGNEE(S): Warner-Lambert Co., USA

SOURCE: PCT Int. Appl., 91 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001031029	A2	20010503	WO 2000-EP9498	20001027
WO 2001031029	A3	20020228		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,			

CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 BR 2000015138 A 20020716 BR 2000-15138 20001027  
 EP 1228221 A2 20020807 EP 2000-971299 20001027  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL  
 JP 2003512072 T2 20030402 JP 2001-533164 20001027  
 PRIORITY APPLN. INFO.: US 1999-162307P P 19991028  
 US 2000-180525P P 20000207  
 WO 2000-EP9498 W 20001027

L11 ANSWER 68 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:863442 HCAPLUS  
 DOCUMENT NUMBER: 136:2263  
 TITLE: **Cloning**, sequence and drug screening use of  
 a **human tyrosine kinase**  
 INVENTOR(S): Ye, Jane; Ketchum, Karen A.; Di, Francesco Valentine;  
 Beasley, Ellen M.  
 PATENT ASSIGNEE(S): Pe Corporation (Ny), USA  
 SOURCE: U.S., 39 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6323016	B1	20011127	US 2001-799345	20010306
US 2002025570	A1	20020228	US 2001-962276	20010926
US 6630336	B2	20031007		
WO 2002048328	A2	20020620	WO 2001-US30539	20010928
WO 2002048328	A3	20030227		
WO 2002048328	C2	20030918		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,  
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,  
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2003228674 A1 20031211 US 2003-441282 20030520  
 PRIORITY APPLN. INFO.: US 2000-210458P P 20000609  
 US 2001-799345 A3 20010306  
 US 2001-962276 A 20010926

L11 ANSWER 69 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:207982 HCAPLUS  
 DOCUMENT NUMBER: 134:232725  
 TITLE: **Human genes and polynucleotides encoding**  
**novel c-Jun N-terminal kinase kinase**  
**kinases MLK4, PAK4, PAK5, and YSK2**  
**expressed in keratinocytes and uses thereof**  
 INVENTOR(S): Blumenberg, Mirosław; Gazel, Alix M.  
 PATENT ASSIGNEE(S): New York University, USA  
 SOURCE: Eur. Pat. Appl., 51 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

-----  
 EP 1085093 A2 20010321 EP 2000-307866 20000912  
 EP 1085093 A3 20021030  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO  
 JP 2001157590 A2 20010612 JP 2000-284980 20000920  
 PRIORITY APPLN. INFO.: US 1999-155029P P 19990920

L11 ANSWER 70 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:106053 HCAPLUS

DOCUMENT NUMBER: 134:188984

TITLE: **Human expressed** sequence tags and  
 primers for synthesizing full-length cDNAs  
 INVENTOR(S): Ota, Toshio; Isogai, Takao; Nishikawa, Tetsuo;  
 Hayashi, Kohji; Saito, Kaoru; Yamamoto, Junichi;  
 Ishii, Shizuko; Sugiyama, Tomoyasu; Wakamatsu, Ai;  
 Nagai, Keiichi; Otsuki, Tetsuji

PATENT ASSIGNEE(S): Helix Research Institute, Japan

SOURCE: Eur. Pat. Appl., 2527 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 12

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1074617	A2	20010207	EP 2000-116126	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002171977	A2	20020618	JP 2000-196309	20000626
EP 1205549	A1	20020515	EP 2000-948282	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2002191363	A2	20020709	JP 2000-280990	20000728
PRIORITY APPLN. INFO.:				
			JP 1999-248036	A 19990729
			JP 1999-300253	A 19990827
			JP 2000-118776	A 20000111
			JP 2000-183767	A 20000502
			JP 2000-241899	A 20000609
			US 1999-159590P	P 19991018
			US 2000-183322P	P 20000217
			WO 2000-JP5065	W 20000728

L11 ANSWER 71 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:709686 HCAPLUS

DOCUMENT NUMBER: 137:211959

TITLE: **Cloning**, protein and cDNA sequence of  
**human protein kinase KID-1** and their  
 uses in diagnosis and therapy

INVENTOR(S): Yu, Long

PATENT ASSIGNEE(S): Fudan Univ., Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 23 pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1328134	A	20011226	CN 2001-105987	20010413
PRIORITY APPLN. INFO.:				
			CN 2001-105987	20010413

L11 ANSWER 72 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:711043 HCAPLUS  
 DOCUMENT NUMBER: 136:275290  
 TITLE: WNK kinases, a novel protein kinase subfamily in multi-cellular organisms  
 AUTHOR(S): Verissimo, Fatima; Jordan, Peter  
 CORPORATE SOURCE: Centre for Human Genetics, National Institute of Health "Dr. Ricardo Jorge", Lisbon, 1649-016, Port.  
 SOURCE: Oncogene (2001), 20(39), 5562-5569  
 CODEN: ONCNES; ISSN: 0950-9232  
 PUBLISHER: Nature Publishing Group  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 73 OF 168 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 ACCESSION NUMBER: 2001:498020 BIOSIS  
 DOCUMENT NUMBER: PREV200100498020  
 TITLE: Differential gene expression of V4 and V5 areas in the visual cortices of human and macaque.  
 AUTHOR(S): Kim, K. H. [Reprint author]; Bartels, A. [Reprint author]; Zeki, S. [Reprint author]  
 CORPORATE SOURCE: Wellcome Dept of Cognitive Neurology, University College London, London, UK  
 SOURCE: Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 754. print.  
 Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.  
 ISSN: 0190-5295.  
 DOCUMENT TYPE: Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LANGUAGE: English  
 ENTRY DATE: Entered STN: 24 Oct 2001  
 Last Updated on STN: 23 Feb 2002

L11 ANSWER 74 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:591092 HCAPLUS  
 DOCUMENT NUMBER: 135:286825  
 TITLE: Amyloid  $\beta$  proteins inhibit Cl--ATPase activity in cultured rat hippocampal neurons  
 AUTHOR(S): Yagyu, K.; Kitagawa, K.; Irie, T.; Wu, B.; Zeng, X. T.; Hattori, N.; Inagaki, C.  
 CORPORATE SOURCE: Department of Pharmacology, Kansai Medical University, Osaka, 570-8506, Japan  
 SOURCE: Journal of Neurochemistry (2001), 78(3), 569-576  
 CODEN: JONRA9; ISSN: 0022-3042  
 PUBLISHER: Blackwell Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 75 OF 168 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 DUPLICATE 9  
 ACCESSION NUMBER: 2001:504233 BIOSIS  
 DOCUMENT NUMBER: PREV200100504233  
 TITLE: Isolation, expression analysis and chromosomal mapping of a novel human kinase gene MLK4.  
 AUTHOR(S): Kvasha, S. M.; Protopopov, A. I.; Zabarovsky, E. R.; Rynditch, A. V.; Kashuba, V. I.  
 SOURCE: Biopolimery i Kletka, (July-August, 2001) Vol. 17, No. 4,

pp. 302-307. print.  
 CODEN: BIKLEK. ISSN: 0233-7657.  
 DOCUMENT TYPE: Article  
 LANGUAGE: Ukrainian  
 ENTRY DATE: Entered STN: 31 Oct 2001  
 Last Updated on STN: 23 Feb 2002

L11 ANSWER 76 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:95465 HCAPLUS  
 DOCUMENT NUMBER: 134:338934  
 TITLE: Human neuroblastomas with unfavorable  
 biologies **express** high levels of  
**brain-derived neurotrophic factor** mRNA and a  
 variety of its variants  
 AUTHOR(S): Aoyama, M.; Asai, K.; Shishikura, T.; Kawamoto, T.;  
 Miyachi, T.; Yokoi, T.; Togari, H.; Wada, Y.; Kato,  
 T.; Nakagawara, A.  
 CORPORATE SOURCE: Department of Pediatrics, Nagoya City University  
 Medical School, Nagoya, Mizuho-ku, 467-8601, Japan  
 SOURCE: Cancer Letters (Shannon, Ireland) (2001), 164(1),  
 51-60  
 CODEN: CALEDQ; ISSN: 0304-3835  
 PUBLISHER: Elsevier Science Ireland Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 77 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2000:861815 HCAPLUS  
 DOCUMENT NUMBER: 134:26116  
 TITLE: Protein and cDNA sequences of human and  
 mouse protein **kinase** sequence homologs, and  
 uses thereof in identifying novel **kinase**  
 inhibitor  
 INVENTOR(S): Bird, Timothy A.; Virca, G. Duke; Martin, Unja;  
 Anderson, Dirk M.  
 PATENT ASSIGNEE(S): Immunex Corporation, USA  
 SOURCE: PCT Int. Appl., 106 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000073468	A1	20001207	WO 2000-US14696	20000526
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1181374	A1	20020227	EP 2000-939378	20000526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6514719	B1	20030204	US 2000-579664	20000526
US 2003162277	A1	20030828	US 2003-355975	20030130
PRIORITY APPLN. INFO.:			US 1999-136781P	P 19990528
			US 2000-579664	A3 20000526



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 78 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2000:756836 HCAPLUS  
 DOCUMENT NUMBER: 133:318300  
 TITLE: Human homologs of Drosophila fused gene and protein  
 INVENTOR(S): Mosca, Monica; Isacchi, Antonella  
 PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A, Italy  
 SOURCE: PCT Int. Appl., 64 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063352	A2	20001026	WO 2000-EP2761	20000329
WO 2000063352	A3	20010201		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1171580	A2	20020116	EP 2000-926771	20000329
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
JP 2002541837	T2	20021210	JP 2000-612431	20000329
PRIORITY APPLN. INFO.:			GB 1999-8798	A 19990416
			WO 2000-EP2761	W 20000329

L11 ANSWER 79 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2000:756527 HCAPLUS  
 DOCUMENT NUMBER: 133:325643  
 TITLE: Antifibrotic formulations containing inhibitors of cell-volume-regulated human kinase h-sgk  
 INVENTOR(S): Lang, Florian; Waldegger, Siegfried; Wagner, Carsten; Broer, Stefan; Klingel, Karin  
 PATENT ASSIGNEE(S): Germany  
 SOURCE: PCT Int. Appl., 32 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062781	A1	20001026	WO 2000-EP3578	20000419
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,			

DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

DE 19917990 A1 20001102 DE 1999-19917990 19990420  
BR 2000009914 A 20020108 BR 2000-9914 20000419  
EP 1171131 A1 20020116 EP 2000-922655 20000419  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO

JP 2002542196 T2 20021210 JP 2000-611917 20000419  
NO 2001005054 A 20011214 NO 2001-5054 20011017  
ZA 2001008610 A 20020102 ZA 2001-8610 20011019

PRIORITY APPLN. INFO.: DE 1999-19917990 A 19990420  
WO 2000-EP3578 W 20000419

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 80 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:573920 HCAPLUS  
DOCUMENT NUMBER: 133:173998  
TITLE: Human cDNAs encoding brain  
diacylglycerol kinase beta isoforms and  
their use

INVENTOR(S): Caricasole, Andrea; Caldara, Fabrizio; Sala, Cinzia  
Felicità

PATENT ASSIGNEE(S): Glaxo Group Limited, UK  
SOURCE: PCT Int. Appl., 57 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000047723	A2	20000817	WO 1999-GB4421	19991223
WO 2000047723	A3	20010118		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1153133	A2	20011114	EP 1999-962455	19991223
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002540765	T2	20021203	JP 2000-598623	19991223
US 6593121	B1	20030715	US 2001-913301	20010913
US 2003186305	A1	20031002	US 2003-408693	20030407
PRIORITY APPLN. INFO.: GB 1999-3430 A 19990215 WO 1999-GB4421 W 19991223 US 2001-913301 A1 20010913				

L11 ANSWER 81 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:341453 HCAPLUS  
DOCUMENT NUMBER: 133:131554  
TITLE: Characterization of PDZ-binding kinase, a  
mitotic kinase

AUTHOR(S): Gaudet, Suzanne; Branton, Daniel; Lue, Robert A.  
CORPORATE SOURCE: Department of Molecular and Cellular Biology, Harvard  
University, Cambridge, MA, 02138, USA

SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (2000), 97(10), 5167-5172

CODEN: PNASA6; ISSN: 0027-8424  
PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 82 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:668346 HCAPLUS  
DOCUMENT NUMBER: 134:14614  
TITLE: SPAK, a STE20/SPS1-related **kinase** that  
activates the p38 pathway  
AUTHOR(S): Johnston, Anne M.; Naselli, Gaetano; Gonez, L. Jorge;  
Martin, Roland M.; Harrison, Leonard C.; DeAizpurua,  
Henry J.  
CORPORATE SOURCE: Autoimmunity and Transplantation Division, The Walter  
and Eliza Hall Institute of Medical Research,  
Parkville, 3050, Australia  
SOURCE: Oncogene (2000), 19(37), 4290-4297  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 83 OF 168 MEDLINE on STN DUPLICATE 10  
ACCESSION NUMBER: 2000171270 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 10704392  
TITLE: The C. elegans par-4 gene encodes a putative  
serine-threonine **kinase** required for establishing  
embryonic asymmetry.  
AUTHOR: Watts J L; Morton D G; Bestman J; Kemphues K J  
CORPORATE SOURCE: Section of Genetics and Development, Cornell University,  
Ithaca, New York 14853, USA.  
CONTRACT NUMBER: HD27689 (NICHD)  
SOURCE: Development (Cambridge, England), (2000 Apr) 127 (7)  
1467-75.  
Journal code: 8701744. ISSN: 0950-1991.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200004  
ENTRY DATE: Entered STN: 20000505  
Last Updated on STN: 20021210  
Entered Medline: 20000426

L11 ANSWER 84 OF 168 MEDLINE on STN DUPLICATE 11  
ACCESSION NUMBER: 2000483169 MEDLINE  
DOCUMENT NUMBER: 20445994 PubMed ID: 10990492  
TITLE: Isolation and **expression** of PASK, a  
serine/threonine **kinase**, during rat embryonic  
development, with special emphasis on the pancreas.  
AUTHOR: Miao N; Fung B; Sanchez R; Lydon J; Barker D; Pang K  
CORPORATE SOURCE: Ontogeny, Inc., Cambridge, Massachusetts 02138-1118, USA.  
SOURCE: JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY, (2000 Oct) 48  
(10) 1391-400.  
Journal code: 9815334. ISSN: 0022-1554.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200010

ENTRY DATE: Entered STN: 20001019  
Last Updated on STN: 20020420  
Entered Medline: 20001010

L11 ANSWER 85 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:618793 HCAPLUS  
DOCUMENT NUMBER: 133:247592  
TITLE: Activation of extracellular signal-regulated  
kinase (ERK) and Akt by human  
serotonin 5-HT1B receptors in transfected BE(2)-C  
neuroblastoma cells is inhibited by RGS4  
AUTHOR(S): Lione, Angelique M.; Errico, Monica; Lin, Stanley L.;  
Cowen, Daniel S.  
CORPORATE SOURCE: Department of Psychiatry, University of Medicine and  
Dentistry of New Jersey-Robert Wood Johnson Medical  
School, Piscataway, NJ, USA  
SOURCE: Journal of Neurochemistry (2000), 75(3), 934-938  
CODEN: JONRA9; ISSN: 0022-3042  
PUBLISHER: Lippincott Williams & Wilkins  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 86 OF 168 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2000:266075 BIOSIS  
DOCUMENT NUMBER: PREV200000266075  
TITLE: Characterization of hPRP4 kinase activation:  
Potential role in signaling.  
AUTHOR(S): Huang, Yong [Reprint author]; Deng, Tiliang; Winston, Brent  
W. [Reprint author]  
CORPORATE SOURCE: Department of Medicine, University of Calgary, Calgary,  
Alberta, T2N 4N1, Canada  
SOURCE: Biochemical and Biophysical Research Communications, (May  
10, 2000) Vol. 271, No. 2, pp. 456-463. print.  
CODEN: BBRC A9. ISSN: 0006-291X.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 30 Jun 2000  
Last Updated on STN: 5 Jan 2002

L11 ANSWER 87 OF 168 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2000:98702 LIFESCI  
TITLE: Assignment of human GADD45G to chromosome 9q22.1  
arrow right q22.3 by radiation hybrid mapping  
AUTHOR: Gong, R.; Yu, L.; Zhang, H.; Tu, Q.; Zhao, Y.; Yang, J.;  
Xu, Y.; Zhao, S.  
CORPORATE SOURCE: Institute of Genetics, Fudan University, 220 Handan Road,  
Shanghai 200433 P.R., China; E-mail: longyu@fudan.edu.cn  
SOURCE: Cytogenetics and Cell Genetics [Cytogenet. Cell Genet.],  
(20000000) vol. 88, no. 1-2, pp. 95-96.  
ISSN: 0301-0171.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: G  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L11 ANSWER 88 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:409160 HCAPLUS  
DOCUMENT NUMBER: 133:346308  
TITLE: Human sphingosine kinase:  
molecular cloning, functional  
characterization and tissue distribution  
AUTHOR(S): Melendez, A. J.; Carlos-Dias, E.; Gosink, M.; Allen,

CORPORATE SOURCE: J. M.; Takacs, L.  
 Department of Molecular and Cellular Biology, Institut  
 de Recherche Jouveinal/Parke-Davis, Fresnes, 94265,  
 Fr.  
 SOURCE: Gene (2000), 251(1), 19-26  
 CODEN: GENED6; ISSN: 0378-1119  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 89 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1999:42532 HCAPLUS  
 DOCUMENT NUMBER: 130:106933  
 TITLE: A human homolog of the rat serum  
 glucocorticoid-regulated kinase and a cDNA  
 encoding it  
 INVENTOR(S): Kumar, Sanjay; Zou, Cheng  
 PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA  
 SOURCE: Eur. Pat. Appl., 27 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 889127	A1	19990107	EP 1998-304830	19980618
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2235785	AA	19990101	CA 1998-2235785	19980623
JP 11123086	A2	19990511	JP 1998-186223	19980701
US 2001027184	A1	20011004	US 2001-784249	20010215
PRIORITY APPLN. INFO.:			US 1997-51446P	P 19970701
			US 1997-997212	A 19971223
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 90 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1999:315403 HCAPLUS  
 DOCUMENT NUMBER: 131:99243  
 TITLE: Characterization of a novel type of serine/threonine  
 kinase that specifically phosphorylates the  
 human Goodpasture antigen  
 AUTHOR(S): Raya, Angel; Revert, Fernando; Navarro, Samuel; Saus,  
 Juan  
 CORPORATE SOURCE: Fundacion Valenciana de Investigaciones Biomedicas,  
 Instituto de Investigaciones Citologicas, Valencia,  
 46010, Spain  
 SOURCE: Journal of Biological Chemistry (1999), 274(18),  
 12642-12649  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular  
 Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 91 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1999:297827 HCAPLUS  
 DOCUMENT NUMBER: 131:140207

TITLE: **Human** Minibrain Homologue (MNBH/DYRK1):  
Characterization, Alternative Splicing, Differential  
Tissue **Expression**, and Overexpression in  
Down Syndrome

AUTHOR(S): Guimera, Jordi; Casas, Caty; Estivill, Xavier;  
Pritchard, Melanie

CORPORATE SOURCE: Medical and Molecular Genetics Center-IRO, Hospital  
Duran i Reynals, Barcelona, 08907, Spain

SOURCE: Genomics (1999), 57(3), 407-418  
CODEN: GNMCEP; ISSN: 0888-7543

PUBLISHER: Academic Press

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 92 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:621317 HCAPLUS

DOCUMENT NUMBER: 129:240885

TITLE: **Human** doublin gene involved in neuronal  
development

INVENTOR(S): Walsh, Christopher A.; Allen, Kristina M.; Gleeson,  
Joseph G.

PATENT ASSIGNEE(S): Beth Israel Deaconess Medical Center Inc., USA

SOURCE: PCT Int. Appl., 103 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9840495	A1	19980917	WO 1998-US4584	19980309
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9866941	A1	19980929	AU 1998-66941	19980309
PRIORITY APPLN. INFO.:			US 1997-816717	19970313
			WO 1998-US4584	19980309
REFERENCE COUNT:	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 93 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:485180 HCAPLUS

DOCUMENT NUMBER: 129:92256

TITLE: **Cloning** of cDNA for two novel **human**  
serine/threonine **kinases** VRK1 and VRK2  
exhibiting structural similarity to vaccinia virus B1R  
**kinase**

INVENTOR(S): Nezu, Jun-ichi; Oku, Asuka

PATENT ASSIGNEE(S): Chugai Research Institute for Molecular Medicine,  
Inc., Japan

SOURCE: PCT Int. Appl., 63 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9829552	A1	19980709	WO 1997-JP4855	19971225
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,				

KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,  
 NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA,  
 UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,  
 FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,  
 GA, GN, ML, MR, NE, SN, TD, TG  
 AU 9853406 A1 19980731 AU 1998-53406 19971225  
 EP 960938 A1 19991201 EP 1997-950408 19971225  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI  
 US 6265194 B1 20010724 US 1999-344700 19990625  
 US 6677437 B1 20040113 US 2000-563997 20000503  
 US 2003171557 A1 20030911 US 2003-434588 20030509  
 PRIORITY APPLN. INFO.: JP 1996-357864 A 19961227  
 WO 1997-JP4855 W 19971225  
 US 1999-344700 A3 19990625  
 US 2000-563997 A3 20000503  
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 94 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1998:752249 HCAPLUS  
 DOCUMENT NUMBER: 130:11992  
 TITLE: Protein tyrosine kinase PYK2 cDNA sequences  
 and its biological functions in signal transduction  
 INVENTOR(S): Lev, Sima; Schlessinger, Joseph  
 PATENT ASSIGNEE(S): Sugan Inc., USA  
 SOURCE: U.S., 49 pp., Cont.-in-part of U. S. Ser. No. 357,642.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5837815	A	19981117	US 1995-460626	19950602
US 5837524	A	19981117	US 1994-357642	19941215
CA 2207581	AA	19960620	CA 1995-2207581	19951206
WO 9618738	A2	19960620	WO 1995-US15846	19951206
WO 9618738	A3	19960815		
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9644658	A1	19960703	AU 1996-44658	19951206
EP 799314	A2	19971008	EP 1995-943378	19951206
EP 799314	B1	20030514		
R: CH, DE, FR, GB, IT, LI				
JP 2001523081	T2	20011120	JP 1996-519142	19951206
EP 1361229	A2	20031112	EP 2003-7031	19951206
R: CH, DE, FR, GB, IT, LI				
US 2004005648	A1	20040108	US 2003-464805	20030619
PRIORITY APPLN. INFO.: US 1994-357642 A2 19941215 US 1995-460626 A 19950602 EP 1995-943378 A3 19951206 WO 1995-US15846 W 19951206 US 1998-165062 B1 19981001				
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L11 ANSWER 95 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:471458 HCAPLUS

DOCUMENT NUMBER: 129:119594

TITLE: **Cloning** and cDNA sequences of **human**  
FLT4 receptor tyrosine **kinase** isoforms and  
stimulator ligand

INVENTOR(S): Alitalo, Kari; Aprelikova, Olga; Pajusola, Katri;  
Armstrong, Elina; Korhonen, Jaana; Kaipainen, Arja

PATENT ASSIGNEE(S): Helsinki University Licensing, Ltd., Finland

SOURCE: U.S., 65 pp., Cont.-in-part of U. S. Ser. No. 959,951,  
abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 12

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5776755	A	19980707	US 1994-340011	19941114
US 6221839	B1	20010424	US 1995-510133	19950801
US 6107046	A	20000822	US 1997-901710	19970728
WO 9833917	A1	19980806	WO 1998-US1973	19980202
W: AU, CA, CN, JP, NZ, US, US, US, US, US, US, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 755708	B2	20021219	AU 2000-10072	20000113
WO 2002060950	A2	20020808	WO 2002-US1784	20020122
WO 2002060950	A3	20030206		
WO 2002060950	B1	20031127		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.:  
US 1992-959951 B2 19921009  
US 1994-257754 B2 19940609  
US 1994-107046 A 19941114  
US 1994-340011 A2 19941114  
US 1998-169079 A1 19941114  
US 1995-510133 A2 19950801  
US 1996-585895 A2 19960112  
US 1996-601132 A2 19960214  
US 1996-671573 A2 19960628  
AU 1996-66169 A3 19960801  
WO 1996-FI427 A2 19960801  
US 1997-795430 A2 19970205  
US 1997-901710 A1 19970728  
US 2001-765534 A 20010119

REFERENCE COUNT: 136 THERE ARE 136 CITED REFERENCES AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L11 ANSWER 96 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:604791 HCAPLUS

DOCUMENT NUMBER: 129:213510

TITLE: The **human** homolog of the cell volume  
regulated protein **kinase** sgk and the gene  
encoding it

INVENTOR(S): Lang, Florian; Waldegger, Siegfried

PATENT ASSIGNEE(S): Dade Behring Marburg G.m.b.H., Germany.



SOURCE: Eur. Pat. Appl., 15 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 861896	A2	19980902	EP 1998-101338	19980127
EP 861896	A3	19991020		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19708173	A1	19980903	DE 1997-19708173	19970228
CA 2224404	AA	19980828	CA 1998-2224404	19980226
US 6326181	B1	20011204	US 1998-31295	19980226
JP 10248566	A2	19980922	JP 1998-46565	19980227
US 2003003559	A1	20030102	US 2001-39	20011204
PRIORITY APPLN. INFO.:			DE 1997-19708173 A	19970228
			US 1998-31295 A3	19980226

L11 ANSWER 97 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1998:421052 HCAPLUS  
 DOCUMENT NUMBER: 129:172234  
 TITLE: Human cyclin K, a novel RNA polymerase II-associated cyclin possessing both carboxy-terminal domain **kinase** and Cdk-activating **kinase** activity  
 AUTHOR(S): Edwards, Michael C.; Wong, Calvin; Elledge, Stephen J.  
 CORPORATE SOURCE: Verna and Marrs McLean Department of Biochemistry and Department of Molecular and Human Genetics, Howard Hughes Medical Institute, Baylor College of Medicine, Houston, TX, 77030, USA  
 SOURCE: Molecular and Cellular Biology (1998), 18(7), 4291-4300  
 CODEN: MCEBD4; ISSN: 0270-7306  
 PUBLISHER: American Society for Microbiology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 98 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1998:759807 HCAPLUS  
 DOCUMENT NUMBER: 130:121219  
 TITLE: Localization of myotonic dystrophy protein **kinase** in human and rabbit tissues using a new panel of monoclonal antibodies  
 AUTHOR(S): Pham, Y. C. N.; Nguyen thi Man; Lam, Le Thanh; Morris, G. E.  
 CORPORATE SOURCE: MRIC Biochemistry Group, NE Wales Institute, Wrexham, LL11 2AW, UK  
 SOURCE: Human Molecular Genetics (1998), 7(12), 1957-1965  
 CODEN: HMGEE5; ISSN: 0964-6906  
 PUBLISHER: Oxford University Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 99 OF 168 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 12  
 ACCESSION NUMBER: 1998144358 EMBASE  
 TITLE: Murine NIMA-related **kinases** are **expressed**

in patterns suggesting distinct functions in gametogenesis and a role in the nervous system.

AUTHOR: Arama E.; Yanai A.; Kilfin G.; Bernstein A.; Motro B.  
 CORPORATE SOURCE: B. Motro, Department of Life Sciences, Bar-Ilan University, Ramat-Gan 52900, Israel  
 SOURCE: Oncogene, (9 Apr 1998) 16/14 (1813-1823).  
 Refs: 47  
 ISSN: 0950-9232 CODEN: ONCNES  
 COUNTRY: United Kingdom  
 DOCUMENT TYPE: Journal; Article  
 FILE SEGMENT: 001 Anatomy, Anthropology, Embryology and Histology  
 021 Developmental Biology and Teratology  
 022 Human Genetics  
 029 Clinical Biochemistry  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L11 ANSWER 100 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1998:672265 HCAPLUS  
 DOCUMENT NUMBER: 130:36240  
 TITLE: Human Bub1: a putative spindle checkpoint  
 kinase closely linked to cell proliferation  
 AUTHOR(S): Ouyang, Bin; Lan, Zhengdao; Meadows, Juliana; Pan, Huiqi; Fukasawa, Kenji; Li, Wenqing; Dai, Wei  
 CORPORATE SOURCE: Division of Hematology and Oncology, Department of Medicine, University of Cincinnati College of Medicine, Cincinnati, OH, 45267, USA  
 SOURCE: Cell Growth & Differentiation (1998), 9(10), 877-885  
 CODEN: CGDIE7; ISSN: 1044-9523  
 PUBLISHER: American Association for Cancer Research  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 101 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1998:61197 HCAPLUS  
 DOCUMENT NUMBER: 128:202118  
 TITLE: A family of human receptors structurally related to Drosophila Toll  
 AUTHOR(S): Rock, Fernando L.; Hardiman, Gary; Timans, Jackie C.; Kastelein, Robert A.; Bazan, J. Fernando  
 CORPORATE SOURCE: Protein Machine Group, Department of Molecular Biology, DNAX Research Institute, Palo Alto, CA, 94304-1104, USA  
 SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1998), 95(2), 588-593  
 CODEN: PNASA6; ISSN: 0027-8424  
 PUBLISHER: National Academy of Sciences  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 102 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1999:16930 HCAPLUS  
 DOCUMENT NUMBER: 130:206559  
 TITLE: Identification of a human cDNA encoding a kinase-defective Cdk5 isoform  
 AUTHOR(S): Moorthamer, Mark; Zumstein-Mecker, Sabine; Stephan, Christine; Mittl, Peer; Chaudhuri, Bhabatosh  
 CORPORATE SOURCE: Oncology Research, Novartis Pharma AG, Basel, WKL-125.13.17, Switz.  
 SOURCE: Biochemical and Biophysical Research Communications

(1998), 253(2), 305-310  
CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 103 OF 168 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN DUPLICATE 13

ACCESSION NUMBER: 1998210040 EMBASE  
TITLE: The gene for the **human** Src-like adaptor protein  
(hSLAP) is located within the 64-kb intron of the  
thyroglobulin gene.  
AUTHOR: Meijerink P.H.S.; Yanakiev P.; Zorn I.; Grierson A.J.;  
Bikker H.; Dye D.; Kalaydjieva L.; Baas F.  
CORPORATE SOURCE: P.H.S. Meijerink, Department of Neurology, Academic Medical  
Center, Meibergdreef 9, NL-1105 AZ, Amsterdam, Netherlands.  
p.h.meyerink@amc.uva.nl  
SOURCE: European Journal of Biochemistry, (1 Jun 1998) 254/2  
(297-303).  
Refs: 30  
ISSN: 0014-2956 CODEN: EJBCAI  
COUNTRY: Germany  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 021 Developmental Biology and Teratology  
022 Human Genetics  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L11 ANSWER 104 OF 168 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 1998:219939 SCISEARCH  
THE GENUINE ARTICLE: ZB255  
TITLE: C-TAK1 protein **kinase** phosphorylates  
**human** Cdc25C on serine 216 and promotes 14-3-3  
protein binding  
AUTHOR: Peng C Y; Graves P R; Ogg S; Thoma R S; Byrnes M J; Wu Z  
Q; Stephenson M T; PiwnickaWorms H (Reprint)  
CORPORATE SOURCE: WASHINGTON UNIV, SCH MED, DEPT CELL BIOL & PHYSIOL, BOX  
8228, 660 S EUCLID AVE, ST LOUIS, MO 63110 (Reprint);  
WASHINGTON UNIV, SCH MED, DEPT CELL BIOL & PHYSIOL, ST  
LOUIS, MO 63110; WASHINGTON UNIV, SCH MED, HOWARD HUGHES  
MED INST, ST LOUIS, MO 63110; HARVARD UNIV, SCH MED, COMM  
VIROL, BOSTON, MA 02115; MASSACHUSETTS GEN HOSP, DEPT MOL  
BIOL, BOSTON, MA 02114  
COUNTRY OF AUTHOR: USA  
SOURCE: CELL GROWTH & DIFFERENTIATION, (MAR 1998) Vol. 9, No. 3,  
pp. 197-208.  
Publisher: AMER ASSOC CANCER RESEARCH, PO BOX 11806,  
BIRMINGHAM, AL 35202.  
ISSN: 1044-9523.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 46

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L11 ANSWER 105 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:193902 HCAPLUS  
DOCUMENT NUMBER: 129:14591  
TITLE: **Cloning of human** p55 $\gamma$ , a  
regulatory subunit of phosphatidylinositol 3-  
**kinase**, by a yeast two-hybrid library screen

AUTHOR(S): with the insulin-like growth factor-I receptor  
 Dey, Bhakta R.; Furlanetto, Richard W.; Nissley, S.  
 Peter  
 CORPORATE SOURCE: National Cancer Institute, Metabolism Branch, National  
 Institutes of Health, Bethesda, MD, 20892, USA  
 SOURCE: Gene (1998), 209(1/2), 175-183  
 CODEN: GENED6; ISSN: 0378-1119  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 106 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1998:390758 HCAPLUS  
 DOCUMENT NUMBER: 129:159953  
 TITLE: First continuous human pheochromocytoma cell  
 line: KNA biological, cytogenetic and molecular  
 characterization of KNA cells  
 AUTHOR(S): Pfragner, R.; Behmel, A.; Smith, D. P.; Ponder, B. A.  
 J.; Wirnsberger, G.; Rinner, I.; Porta, S.; Henn, T.;  
 Niederle, B.  
 CORPORATE SOURCE: Department of General and Experimental Pathology,  
 Medical School, University of Graz, Graz, A-8010,  
 Austria  
 SOURCE: Journal of Neurocytology (1998), 27(3), 175-186  
 CODEN: JNCYA2; ISSN: 0300-4864  
 PUBLISHER: Chapman & Hall  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 107 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1998:513247 HCAPLUS  
 DOCUMENT NUMBER: 129:240625  
 TITLE: Human ULK1, a novel serine/threonine  
 kinase related to UNC-51 kinase of  
 Caenorhabditis elegans: cDNA cloning,  
 expression, and chromosomal assignment  
 AUTHOR(S): Kuroyanagi, Hidehito; Yan, Jin; Seki, Naohiko;  
 Yamanouchi, Yasuko; Suzuki, Yo-ichi; Takano, Takako;  
 Muramatsu, Masa-aki; Shirasawa, Takuji  
 CORPORATE SOURCE: Department of Mol. Genetics, Tokyo Metropolitan Inst.  
 of Gerontology, Tokyo, 173-0015, Japan  
 SOURCE: Genomics (1998), 51(1), 76-85  
 CODEN: GNMCEP; ISSN: 0888-7543  
 PUBLISHER: Academic Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 108 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1998:441487 HCAPLUS  
 DOCUMENT NUMBER: 129:120520  
 TITLE: A molecular model of human branched-chain  
 amino acid metabolism  
 AUTHOR(S): Suryawan, Agus; Hawes, John W.; Harris, Robert A.;  
 Shimomura, Yoshiharu; Jenkins, Anne E.; Hutson, Susan  
 M.  
 CORPORATE SOURCE: Department of Biochemistry, Wake Forest University  
 School of Medicine, Winston-Salem, NC, 27157, USA  
 SOURCE: American Journal of Clinical Nutrition (1998), 68(1),

72-81

CODEN: AJCNAC; ISSN: 0002-9165

PUBLISHER: American Society for Clinical Nutrition

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 109 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:29361 HCAPLUS

DOCUMENT NUMBER: 128:152647

TITLE: Peutz-Jeghers syndrome is caused by mutations in a novel serine threonine **kinase**

AUTHOR(S): Jenne, Dieter E.; Reimann, Heike; Nezu, Jun-ichi; Friedel, Waltraut; Loff, Steffan; Jeschke, Reinhard; Muller, Oliver; Back, Walter; Zimmer, Michael

CORPORATE SOURCE: Dep. Neuroimmunol., Max-Planck-Inst. Psychiatry, Martinsried, 82152, Germany

SOURCE: Nature Genetics (1998), 18(1), 38-43

CODEN: NGENEC; ISSN: 1061-4036

PUBLISHER: Nature America

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 110 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1997:746066 HCAPLUS

DOCUMENT NUMBER: 128:10900

TITLE: **human kinase** gene SOK-1 cDNA sequence and methods for detection of modulators of **kinase** activity

INVENTOR(S): Force, Thomas; Kyriakis, John M.; Pombo, Celia M.; Bonventre, Joseph

PATENT ASSIGNEE(S): General Hospital Corporation, USA

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9742212	A1	19971113	WO 1997-US7739	19970507
W: AU, CA, CN, IL, JP				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9731182	A1	19971126	AU 1997-31182	19970507
PRIORITY APPLN. INFO.:			US 1996-16774P	P 19960507
			WO 1997-US7739	W 19970507

L11 ANSWER 111 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1997:667973 HCAPLUS

DOCUMENT NUMBER: 127:317357

TITLE: **Human** protein and enzyme cDNA sequences useful for cancer and hereditary disease diagnosis and therapy

INVENTOR(S): Fujiwara, Tsutomu; Watanabe, Takeshi; Horie, Masato

PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd., Japan

SOURCE: Eur. Pat. Appl., 123 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 796913	A2	19970924	EP 1997-104842	19970319
EP 796913	A3	20010131		
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 09308492	A2	19971202	JP 1997-69163	19970305
JP 2002045190	A2	20020212	JP 2001-172415	19970305
CA 2200371	AA	19970919	CA 1997-2200371	19970319
US 5831058	A	19981103	US 1997-820170	19970319
EP 1295944	A2	20030326	EP 2002-26841	19970319
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 6005088	A	19991221	US 1998-55699	19980407
US 6166190	A	20001226	US 1999-273565	19990322
US 6333404	B1	20011225	US 2000-565538	20000505
US 6376189	B1	20020423	US 2000-661468	20000913
US 2002107383	A1	20020808	US 2001-976165	20011015
US 6562947	B2	20030513		
US 2003143688	A1	20030731	US 2003-342276	20030115
PRIORITY APPLN. INFO.:				
			JP 1996-63410	A 19960319
			JP 1997-69163	A 19970305
			EP 1997-104842	A3 19970319
			US 1997-820170	A3 19970319
			US 1998-55699	A3 19980407
			US 1999-273565	A3 19990322
			US 2000-565538	A3 20000505
			US 2001-976165	A3 20011015

L11 ANSWER 112 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1997:637207 HCAPLUS  
 DOCUMENT NUMBER: 127:328118  
 TITLE: Molecular **cloning** and characterization of a novel p38 mitogen-activated protein **kinase**  
 AUTHOR(S): Wang, Xuhong Sunny; Diener, Katrina; Manthey, Carl L.; Wang, Shen-wu; Rosenzweig, Bradley; Bray, Jeffrey; Delaney, John; Cole, Craig N.; Chan-Hui, Po-Ying; Mantlo, Nathan; Lichenstein, Henri S.; Zukowski, Mark; Yao, Zhengbin  
 CORPORATE SOURCE: Amgen Inc., Boulder, CO, 80301, USA  
 SOURCE: Journal of Biological Chemistry (1997), 272(38), 23668-23674  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 113 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1997:196057 HCAPLUS  
 DOCUMENT NUMBER: 126:291694  
 TITLE: Monocyte cells and cancer cells **express** novel paxillin isoforms with different binding properties to focal adhesion proteins  
 AUTHOR(S): Mazaki, Yuichi; Hashimoto, Shigeru; Sabe, Hisataka  
 CORPORATE SOURCE: Inst. Virus Res., Kyoto Univ., Kyoto, 606, Japan  
 SOURCE: Journal of Biological Chemistry (1997), 272(11), 7437-7444  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular Biology  
 DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 114 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1997:680901 HCAPLUS  
 DOCUMENT NUMBER: 127:326809  
 TITLE: Phosphorylation of the **human** calcitonin receptor by multiple **kinases** is localized to the C-terminus  
 AUTHOR(S): Nygaard, Sean C.; Kuestner, Rolf E.; Moore, Emma E.; Stroop, Steven D.  
 CORPORATE SOURCE: ZymoGenetics, Inc., Seattle, WA, USA  
 SOURCE: Journal of Bone and Mineral Research (1997), 12(10), 1681-1690  
 CODEN: JBMREJ; ISSN: 0884-0431  
 PUBLISHER: Blackwell  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 115 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1997:705075 HCAPLUS  
 DOCUMENT NUMBER: 128:10745  
 TITLE: **Cloning** and partial sequencing of a novel **human** activin receptor-like **kinase**  
 AUTHOR(S): Ohno, Tsukasa; Imai, Atsushi; Takagi, Atsushi; Horibe, Shinji; Takagi, Hiroshi; Tamaya, Teruhiko  
 CORPORATE SOURCE: Department of Obstetrics and Gynecology, Gifu University School of Medicine, Tsukasamachi, 500, Japan  
 SOURCE: Oncology Reports (1997), 4(6), 1349-1351  
 CODEN: OCRPEW; ISSN: 1021-335X  
 PUBLISHER: Oncology Reports  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 116 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1997:316553 HCAPLUS  
 DOCUMENT NUMBER: 127:1463  
 TITLE: **Human** SAK related to the PLK/polo family of cell cycle **kinases** shows high mRNA **expression** in testis  
 AUTHOR(S): Karn, Thomas; Holtrich, Uwe; Wolf, Georg; Hock, Bjoern; Strebhardt, Klaus; Ruebsamen-Waigmann, Helga  
 CORPORATE SOURCE: Chemotherapeutisches Forschungsinstitut, Frankfurt, 60596, Germany  
 SOURCE: Oncology Reports (1997), 4(3), 505-510  
 CODEN: OCRPEW; ISSN: 1021-335X  
 PUBLISHER: Oncology Reports  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 117 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1996:318494 HCAPLUS  
 DOCUMENT NUMBER: 124:333122  
 TITLE: **Human** brain-specific **kinase**, recombinant protein production in mammal cell, and drug assessment for treatment of neurodegenerative or limbic system diseases  
 INVENTOR(S): Zhou, Renping; Paulhiac, Clara  
 PATENT ASSIGNEE(S): Rutgers, State University of New Jersey, USA

SOURCE: PCT Int. Appl., 75 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9603043	A1	19960208	WO 1995-US9334	19950726
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9531441	A1	19960222	AU 1995-31441	19950726
PRIORITY APPLN. INFO.:			US 1994-279855	19940726
			WO 1995-US9334	19950726

L11 ANSWER 118 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1996:366094 HCAPLUS  
 DOCUMENT NUMBER: 125:80511  
 TITLE: Human p21 protein-activated protein serine kinase p65 (PAK65) and a cDNA encoding it and its therapeutic applications  
 INVENTOR(S): Abo, Arie; Martin, George A.  
 PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., USA  
 SOURCE: U.S., 42 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5518911	A	19960521	US 1995-369780	19950106
US 5605825	A	19970225	US 1995-475682	19950607
CA 2209426	AA	19960711	CA 1996-2209426	19960105
WO 9620948	A1	19960711	WO 1996-US487	19960105
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9647560	A1	19960724	AU 1996-47560	19960105
AU 702308	B2	19990218		
EP 802921	A1	19971029	EP 1996-903482	19960105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
JP 10512143	T2	19981124	JP 1996-521283	19960105
US 5698445	A	19971216	US 1996-636036	19960422
US 5698428	A	19971216	US 1997-780833	19970110
US 6013464	A	20000111	US 1997-918509	19970822
US 6048706	A	20000411	US 1998-108262	19980701
PRIORITY APPLN. INFO.:			US 1995-369780	19950106
			US 1995-475682	19950607
			WO 1996-US487	19960105
			US 1997-780833	19970110
			US 1997-918509	19970822

L11 ANSWER 119 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1996:649983 HCAPLUS  
 DOCUMENT NUMBER: 125:295569  
 TITLE: SMAP, an Smg GDS-associating protein having arm repeats and phosphorylated by Src tyrosine



**kinase**  
AUTHOR(S): Shimizu, Kazuya; Kawabe, Hiroshi; Minami, Seigo; Honda, Tomoyuki; Takaishi, Kenji; Shirataki, Hiromichi; Takai, Yoshimi  
CORPORATE SOURCE: Dep. Molecular Biology, Osaka Univ. Med. Sch., Suita, 565, Japan  
SOURCE: Journal of Biological Chemistry (1996), 271(43), 27013-27017  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 120 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1996:498524 HCAPLUS  
DOCUMENT NUMBER: 125:215535  
TITLE: prk, A cytokine-inducible **human** protein serine/threonine **kinase** whose **expression** appears to be down-regulated in lung carcinomas  
AUTHOR(S): Li, Bo; Ouyang, Bin; Pan, Huiqi; Reissmann, Peter T.; Slamon, Dennis J.; Arcenci, Robert; Lu, Luo; Dai, Wei  
CORPORATE SOURCE: Div. Hematol. Oncol., Univ. Cincinnati Coll. Med., Cincinnati, OH, 45267, USA  
SOURCE: Journal of Biological Chemistry (1996), 271(32), 19402-19408  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 121 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1996:421332 HCAPLUS  
DOCUMENT NUMBER: 125:136294  
TITLE: **Cloning and expression of human deoxyguanosine kinase cDNA**  
AUTHOR(S): Johansson, Magnus; Karlsson, Anna  
CORPORATE SOURCE: Medical Nobel Institute, Karolinska Institute, Stockholm, S-171 77, Swed.  
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1996), 93(14), 7258-7262  
CODEN: PNASA6; ISSN: 0027-8424  
PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 122 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1996:101971 HCAPLUS  
DOCUMENT NUMBER: 124:168462  
TITLE: An intact N terminus of the  $\gamma$  subunit is required for the G $\beta\gamma$  stimulation of rhodopsin phosphorylation by **human**  $\beta$ -adrenergic receptor **kinase-1** but not for **kinase** binding  
AUTHOR(S): Haske, Taraneh N.; DeBlasi, Antonio; Levine, Harry, III  
CORPORATE SOURCE: Parke-Davis Pharmaceutical Res. Div., Warner-Lambert Co., Ann Arbor, MI, 48105, USA  
SOURCE: Journal of Biological Chemistry (1996), 271(6), 2941-8  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology

DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 123 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1996:655557 HCAPLUS

DOCUMENT NUMBER: 125:294485

TITLE: **Human** neural tissues **express** a truncated Ror1 receptor tyrosine **kinase**, lacking both extracellular and transmembrane domains

AUTHOR(S): Reddy, Usha R.; Phatak, Sagar; Pleasure, David  
CORPORATE SOURCE: Children's Hospital Of Philadelphia, University of Pennsylvania, Pennsylvania, PA, 19104, USA

SOURCE: Oncogene (1996), 13(7), 1555-1559  
CODEN: ONCNES; ISSN: 0950-9232

PUBLISHER: Stockton

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 124 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1996:558103 HCAPLUS

DOCUMENT NUMBER: 125:239716

TITLE: A **human** homolog of Drosophila minibrain (MNB) is **expressed** in the neuronal regions affected in Down syndrome and maps to the critical region

AUTHOR(S): Guimera, Jordi; Casas, Caty; Pucharcos, Carles; Solans, Asun; Domenech, Anna; Planas, Anna M.; Ashley, Jennifer; Lovett, Michael; Estivill, Xavier; Pritchard, Melanie A.

CORPORATE SOURCE: Mol. Genetics Dep., Cancer Res. Inst., Barcelona, 08907, Spain

SOURCE: Human Molecular Genetics (1996), 5(9), 1305-1310  
CODEN: HMGEE5; ISSN: 0964-6906

PUBLISHER: Oxford University Press

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 125 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1996:394911 HCAPLUS

DOCUMENT NUMBER: 125:106810

TITLE: **Human** B creatine **kinase** gene **expression** in C2C12 cells is regulated by protein interactions involving the first exon

AUTHOR(S): Ritchie, Michael E.

CORPORATE SOURCE: Div. Cardiol. Cardiovascular Res. Cent., Univ. Cincinnati Coll. Med., Cincinnati, OH, 45267-0542, USA  
Biochemical and Biophysical Research Communications (1996), 223(3), 762-769

SOURCE: CODEN: BBRC9; ISSN: 0006-291X

PUBLISHER: Academic

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 126 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1996:339457 HCAPLUS

DOCUMENT NUMBER: 125:31214

TITLE: **Expression** of the **human** MxA protein is associated with hyperphosphorylation of VSV P protein in **human** neural cells

AUTHOR(S): Schuster, Armin; Johnston, Ian C. D.; Das, Tapas; Banerjee, Amiya K.; Pavlovic, Jovan; Ter Meulen, Volker; Schneider-Schaulies, Sibylle

CORPORATE SOURCE: Inst. Virol., Univ. Wuerzburg, Wuerzburg, D-97078, Germany

SOURCE: Virology (1996), 220(1), 241-245  
CODEN: VIRLAX; ISSN: 0042-6822  
PUBLISHER: Academic  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 127 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1995:997545 HCAPLUS  
DOCUMENT NUMBER: 124:78732  
TITLE: **Human** EPH-like receptor protein tyrosine  
**kinases** HEK5, HEK7, HEK8, and HEK11  
INVENTOR(S): Fox, Gary M.; Welcher, Andrew A.; Jing, Shuqian  
PATENT ASSIGNEE(S): Amgen Inc., USA  
SOURCE: PCT Int. Appl., 135 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9528484	A1	19951026	WO 1995-US4681	19950414
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2189028	AA	19951026	CA 1995-2189028	19950414
AU 9522925	A1	19951110	AU 1995-22925	19950414
AU 702522	B2	19990225		
EP 756627	A1	19970205	EP 1995-916419	19950414
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 09512167	T2	19971209	JP 1995-527140	19950414
US 5981245	A	19991109	US 1995-449645	19950524
US 5981246	A	19991109	US 1996-702367	19960821
PRIORITY APPLN. INFO.:			US 1994-229509	19940415
			WO 1995-US4681	19950414

L11 ANSWER 128 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1996:30085 HCAPLUS  
DOCUMENT NUMBER: 124:78738  
TITLE: **Human** axl oncogene encoding a receptor  
tyrosine **kinase** and its activity and  
**recombinant expression**  
INVENTOR(S): Liu, Edison T.  
PATENT ASSIGNEE(S): University of North Carolina, USA  
SOURCE: U.S., 22 pp. Cont. of U.S. Ser. No. 718,572,  
abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5468634	A	19951121	US 1995-372892	19950113
PRIORITY APPLN. INFO.:			US 1991-718572	19910624

L11 ANSWER 129 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1995:945615 HCAPLUS

DOCUMENT NUMBER: 124:80360  
TITLE: An isoform of the neuronal cyclin-dependent  
**kinase 5 (Cdk5) activator**  
AUTHOR(S): Tang, Damu; Yeung, Jeffery; Lee, Ki-Young; Matsushita,  
Masayuki; Matsui, Hideki; Tomizawa, Kazuhito; Hatase,  
Osamu; Wang, Jerry H.  
CORPORATE SOURCE: Dep. Biochem., Hong Kong Univ. Sci. Technol., Kowloon,  
Hong Kong  
SOURCE: Journal of Biological Chemistry (1995), 270(45),  
26897-903  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Bio  
logy  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 130 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1995:987380 HCAPLUS  
DOCUMENT NUMBER: 124:24838  
TITLE: Sequence verification of **human** creatine  
**kinase** (43 kDa) isoenzymes by high-resolution  
tandem mass spectrometry  
AUTHOR(S): Wood, Troy D.; Chen, Lorenzo H.; White, Camille B.;  
Babbitt, Patricia C.; Kenyon, George L.; McLafferty,  
Fred W.  
CORPORATE SOURCE: Dep. Chem., Baker Lab., Cornell Univ., Ithaca, NY,  
14853-1301, USA  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (1995), 92(25), 11451-5  
CODEN: PNASA6; ISSN: 0027-8424  
PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 131 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1995:451488 HCAPLUS  
DOCUMENT NUMBER: 123:218318  
TITLE: The **human**  $\mu$  opioid receptor: modulation  
of functional desensitization by calcium/calmodulin-  
dependent protein **kinase** and protein  
**kinase C**  
AUTHOR(S): Mestek, Anton; Hurley, Joyce H.; Bye, Leighan S.;  
Campbell, Andrew D.; Chen, Yan; Tian, Mingting; Liu,  
Jian; Schulman, Howard; Yu, Lei  
CORPORATE SOURCE: Department of Medical and Molecular Genetics, Indiana  
University School of Medicine, Indianapolis, IN,  
46202, USA  
SOURCE: Journal of Neuroscience (1995), 15(3, Pt. 2), 2396-406  
CODEN: JNRSDS; ISSN: 0270-6474  
PUBLISHER: Society for Neuroscience  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 132 OF 168 MEDLINE on STN DUPLICATE 14  
ACCESSION NUMBER: 96074837 MEDLINE  
DOCUMENT NUMBER: 96074837 PubMed ID: 7478528  
TITLE: **Cloning**, characterization, and differential  
**expression** of MDK2 and MDK5, two novel receptor  
tyrosine **kinases** of the eck/eph family.  
AUTHOR: Ciossek T; Lerch M M; Ullrich A  
CORPORATE SOURCE: Department of Molecular Biology, Max-Planck-Institut fur  
Biochemie, Martinsried, Germany.  
SOURCE: ONCOGENE, (1995 Nov 16) 11 (10) 2085-95.  
Journal code: 8711562. ISSN: 0950-9232.

PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-Z49085; GENBANK-Z49086  
ENTRY MONTH: 199512  
ENTRY DATE: Entered STN: 19960124  
Last Updated on STN: 20000303  
Entered Medline: 19951228

L11 ANSWER 133 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1995:927971 HCAPLUS  
DOCUMENT NUMBER: 124:82911  
TITLE: Molecular characterization and chromosomal  
localization of DRT (EPHT3): a developmentally  
regulated **human** protein-tyrosine  
**kinase** gene of the EPH family  
AUTHOR(S): Ikegaki, Naohiko; Tang, Xao X.; Liu, Xing-Ge; Biegel,  
Jaclyn A.; Allen, Cindy; Yoshioka, Akira; Sulman, Erik  
P.; Brodeur, Garrett M.; Pleasure, David E.  
CORPORATE SOURCE: Div. Oncol., Child. Hosp. Philadelphia, Philadelphia,  
PA, 19104-4318, USA  
SOURCE: Human Molecular Genetics (1995), 4(11), 2033-45  
CODEN: HMGEE5; ISSN: 0964-6906  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 134 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1995:613945 HCAPLUS  
DOCUMENT NUMBER: 123:50541  
TITLE: Characterization of myotonic dystrophy **kinase**  
(DMK) protein in **human** and rodent muscle and  
central nervous tissue  
AUTHOR(S): Whiting, Elisabeth J.; Waring, James D.; Tamai,  
Katsuyuki; Somerville, Martin J.; Hincke, Maxwell;  
Staines, William A.; Ikeda, Joh-E.; Korneluk, Robert  
G.  
CORPORATE SOURCE: Dep. Microbiol. Immunol., Univ. Ottawa, Ottawa, ON,  
Can.  
SOURCE: Human Molecular Genetics (1995), 4(6), 1063-72  
CODEN: HMGEE5; ISSN: 0964-6906  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 135 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1995:434465 HCAPLUS  
DOCUMENT NUMBER: 123:52857  
TITLE: cDNA **cloning** and tissue distribution of 5  
**human** EPH-like receptor protein-tyrosine  
**kinases**  
AUTHOR(S): Fox, Gary M.; Holst, Paige L.; Chute, Hilary T.;  
Lindberg, Richard A.; Janssen, Ann M.; Basu, Rita;  
Welcher, Andrew A.  
CORPORATE SOURCE: Dep. Immunology, Amgen, Inc., Thousand Oaks, CA,  
91320-1789, USA  
SOURCE: Oncogene (1995), 10(5), 897-905  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Stockton  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 136 OF 168 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

RESERVED. on STN

ACCESSION NUMBER: 95264196 EMBASE  
DOCUMENT NUMBER: 1995264196  
TITLE: **Cloning** and characterization of murine p16(INK4a) and p15(INK4b) genes.  
AUTHOR: Quelle D.E.; Ashmun R.A.; Hannon G.J.; Rehberger P.A.; Trono D.; Richter K.H.; Walker C.; Beach D.; Sherr C.J.; Serrano M.  
CORPORATE SOURCE: Howard Hughes Medical Institute, St Jude Children's Research Hospital, 332 N Lauderdale, Memphis, TN 38105, United States  
SOURCE: Oncogene, (1995) 11/4 (635-645).  
ISSN: 0950-9232 CODEN: ONCNES  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 022 Human Genetics  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L11 ANSWER 137 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1995:880629 HCAPLUS  
DOCUMENT NUMBER: 124:24704  
TITLE: cDNA **cloning**, molecular characterization, and chromosomal localization of NET(EPHT2), a **human** EPH-related receptor protein-tyrosine **kinase** gene preferentially **expressed** in **brain**  
AUTHOR(S): Tang, Xiao X.; Biegel, Jaclyn A.; Nycum, Lynn M.; Yoshioka, Akira; Brodeur, Garrett M.; Pleasure, David E.; Ikegaki, Naohiko  
CORPORATE SOURCE: Divisions of Neurology Research, The Children's Hospital of Philadelphia, Philadelphia, PA, 19104, USA  
SOURCE: Genomics (1995), 29(2), 426-37  
CODEN: GNMCEP; ISSN: 0888-7543  
PUBLISHER: Academic  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 138 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1995:727998 HCAPLUS  
DOCUMENT NUMBER: 123:277512  
TITLE: A **human** homolog of the Drosophila tumor suppressor gene 1(2)gl maps to 17p11.2-12 and codes for a cytoskeletal protein that associates with nonmuscle myosin II heavy chain  
AUTHOR(S): Strand, Dennis; Unger, Sylvia; Corvi, Raffaella; Hartenstein, Kirsten; Schenkel, Heide; Kalmes, Andreas; Merdes, Gunter; Neumann, Beate; Krieg-Schneider, Frank  
CORPORATE SOURCE: Dep. of Developmental Genetics, Deutsches Krebsforschungszentrum, Heidelberg, D-69120, Germany  
SOURCE: Oncogene (1995), 11(2), 291-301  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Macmillan Scientific & Medical Division  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 139 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1994:692793 HCAPLUS  
DOCUMENT NUMBER: 121:292793  
TITLE: Antisense nucleic acid inhibitors of tau protein **kinase** I for treatment or prophylaxis of Alzheimer's disease

INVENTOR(S): Takashima, Akihiko; Hoshino, Toshimitsu; Imahori, Kazutomo; Saito, Ken-ichi; Shiratsuchi, Akiko; Sato, Showbu

PATENT ASSIGNEE(S): Mitsubishi Kasei Corp., Japan; Mitsubishi Chemical Corp.

SOURCE: Eur. Pat. Appl., 29 pp.  
CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 616032	A2	19940921	EP 1994-103057	19940301
EP 616032	A3	19961211		
EP 616032	B1	20031112		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 06253835	A2	19940913	JP 1993-41160	19930302
JP 06329551	A2	19941129	JP 1993-191246	19930802
CA 2116460	AA	19940903	CA 1994-2116460	19940225
AT 254172	E	20031115	AT 1994-103057	19940301
US 6071694	A	20000606	US 1995-461018	19950605
US 5837853	A	19981117	US 1996-602264	19960220
US 6248559	B1	20010619	US 1998-216958	19981221
US 2002058637	A1	20020516	US 2001-866712	20010530

PRIORITY APPLN. INFO.:  
 JP 1993-41160 A 19930302  
 JP 1993-85143 A 19930322  
 JP 1993-191246 A 19930802  
 US 1994-204091 B3 19940302  
 US 1995-461018 A3 19950605  
 US 1998-216958 A3 19981221

L11 ANSWER 140 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1994:674996 HCAPLUS

DOCUMENT NUMBER: 121:274996

TITLE: A novel dual specificity phosphatase induced by serum stimulation and heat shock

AUTHOR(S): Ishibashi, Toshio; Boattaro, Donald P.; Michieli, Paolo; Kelley, Christine A.; Aaronson, Stuart A.

CORPORATE SOURCE: NCI, National Inst. Health, Bethesda, MD, 20892, USA

SOURCE: Journal of Biological Chemistry (1994), 269(47), 29897-902  
CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 141 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1995:131380 HCAPLUS

DOCUMENT NUMBER: 122:26632

TITLE: Cloning and characterization of a human phosphatidylinositol 4-kinase

AUTHOR(S): Wong, Karen; Cantley, Lewis

CORPORATE SOURCE: Department Cell Biology, Harvard Medical School, Boston, MA, 02115, USA

SOURCE: Journal of Biological Chemistry (1994), 269(46), 28878-84  
CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

L11 ANSWER 142 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:573820 HCAPLUS  
 DOCUMENT NUMBER: 121:173820  
 TITLE: Molecular **cloning** of a diacylglycerol  
**kinase** isoenzyme predominantly  
**expressed** in human retina with a  
 truncated and inactive enzyme **expression** in  
 most other human cells  
 AUTHOR(S): Kai, Masahiro; Sakane, Fumio; Imai, Shin-ichi; Wada,  
 Ikuo; Kanoh, Hideo  
 CORPORATE SOURCE: Sch. Med., Sapporo Med. Univ., Sapporo, 060, Japan  
 SOURCE: Journal of Biological Chemistry (1994), 269(28),  
 18492-8  
 CODEN: JBCHA3; ISSN: 0021-9258  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 143 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:477177 HCAPLUS  
 DOCUMENT NUMBER: 121:77177  
 TITLE: Differential **expression** of a novel protein  
**kinase** in human B lymphocytes.  
 Preferential localization in the germinal center  
 AUTHOR(S): Katz, Paul; Wahlen, Gail; Kehrl, John H.  
 CORPORATE SOURCE: Lab. Immunoregul., Natl. Inst. Health, Bethesda, MD,  
 20892, USA  
 SOURCE: Journal of Biological Chemistry (1994), 269(24),  
 16802-9  
 CODEN: JBCHA3; ISSN: 0021-9258  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 144 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:502932 HCAPLUS  
 DOCUMENT NUMBER: 121:102932  
 TITLE: **Cloning** and characterization of HTK, a novel  
 transmembrane tyrosine **kinase** of the EPH  
 subfamily  
 AUTHOR(S): Bennett, Brian D.; Wang, Zhengyu; Kuang, Wun Jing;  
 Wang, Anlai; Groopman, Jerome E.; Goeddel, David V.;  
 Scadden, David T.  
 CORPORATE SOURCE: Genentech, Inc., South San Francisco, CA, 94080, USA  
 SOURCE: Journal of Biological Chemistry (1994), 269(19),  
 14211-18  
 CODEN: JBCHA3; ISSN: 0021-9258  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 145 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:429807 HCAPLUS  
 DOCUMENT NUMBER: 121:29807  
 TITLE: rse, a novel receptor-type tyrosine **kinase**  
 with homology to Axl/Ufo, is **expressed** at  
 high levels in the **brain**  
 AUTHOR(S): Mark, Melanie R.; Scadden, David T.; Wang, Zhengyu;  
 Gu, Qimin; Goddard, Audrey; Godowski, Paul J.  
 CORPORATE SOURCE: Dep. Cell Genet., Genentech, Inc., South San  
 Francisco, CA, 94080, USA  
 SOURCE: Journal of Biological Chemistry (1994), 269(14),  
 10720-8  
 CODEN: JBCHA3; ISSN: 0021-9258  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English



L11 ANSWER 146 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1995:33501 HCAPLUS  
 DOCUMENT NUMBER: 122:210832  
 TITLE: Overexpression of ERK, an EPH family receptor protein tyrosine **kinase**, in various **human** tumors  
 AUTHOR(S): Kiyokawa, Etsuko; Takai, Setsuo; Tanaka, Masamitsu; Iwase, Toshio; Suzuki, Makoto; Xiang, Yun-Yan; Naito, Yasuhisa; Yamada, Kiyomi; Sugimura, Haruhiko; Kino, Isamu  
 CORPORATE SOURCE: Sch. Med., Hamamatsu Univ., 3600, Japan  
 SOURCE: Cancer Research (1994), 54(14), 3645-50  
 CODEN: CNREA8; ISSN: 0008-5472  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 147 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:597215 HCAPLUS  
 DOCUMENT NUMBER: 121:197215  
 TITLE: Molecular **cloning** of lsk, a carboxyl-terminal src **kinase** (csk) related gene, **expressed** in leukocytes  
 AUTHOR(S): McVicar, Daniel W.; Lal, Brajesh K.; Lloyd, Andrew; Kawamura, Masura; Chen, Yi-Qing; Zhang, Xiaoying; Staples, J. Erin; Ortaldo, John R.; O'Shea, John J.  
 CORPORATE SOURCE: Frederick Cancer Research Development Center, National Cancer Institute, Frederick, MD, 21702-1201, USA  
 SOURCE: Oncogene (1994), 9(7), 2037-44  
 CODEN: ONCNES; ISSN: 0950-9232  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 148 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:318218 HCAPLUS  
 DOCUMENT NUMBER: 120:318218  
 TITLE: Induction and down-regulation of PLK, a **human** serine/threonine **kinase expressed** in proliferating cells and tumors  
 AUTHOR(S): Holtrich, Uwe; Wolf, Georg; Braeuninger, Andreas; Karn, Thomas; Boehme, Beatrix; Ruebsamen-Waigmann, Helga; Strebhardt, Klaus  
 CORPORATE SOURCE: Chemotherapeutisches Forschungsinst., Georg-Speyer-Haus, Frankfurt, 60596, Germany  
 SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1994), 91(5), 1736-40  
 CODEN: PNASA6; ISSN: 0027-8424  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 149 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:502991 HCAPLUS  
 DOCUMENT NUMBER: 121:102991  
 TITLE: Identification of a **human** cDNA encoding a novel protein **kinase** with two repeats of the LIM/double zinc finger motif  
 AUTHOR(S): Mizuno, Kensaku; Okano, Ichiro; Ohashi, Kazumasa; Nunoue, Koh; Kuma, Kei-ichi; Miyata, Takashi; Nakamura, Toshikazu  
 CORPORATE SOURCE: Fac. Sci., Kyushu Univ., Fukuoka, 812, Japan  
 SOURCE: Oncogene (1994), 9(6), 1605-12  
 CODEN: ONCNES; ISSN: 0950-9232  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 150 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:428177 HCAPLUS  
 DOCUMENT NUMBER: 121:28177  
 TITLE: Molecular **cloning** of a novel non-receptor tyrosine **kinase**, HYL (hematopoietic consensus tyrosine-lacking **kinase**)  
 AUTHOR(S): Sakano, Seiji; Iwama, Atsushi; Inazawa, Johji; Ariyama, Takeshi; Ohno, Mitsuharu; Suda, Toshio  
 CORPORATE SOURCE: Sch. Med., Kumamoto Univ., Kumamoto, 860, Japan  
 SOURCE: Oncogene (1994), 9(4), 1155-61  
 CODEN: ONCNES; ISSN: 0950-9232  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 151 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:695669 HCAPLUS  
 DOCUMENT NUMBER: 121:295669  
 TITLE: Identification and characterization of DBK, a novel putative serine/threonine protein **kinase** from **human** endothelial cells  
 AUTHOR(S): Chu, Wei; Presky, David H.; Danho, Waleed; Swerlick, Robert A.; Burns, Daniel K.  
 CORPORATE SOURCE: Dep. Inflammation/Autoimmune Diseases, Hoffman-La Roche Inc., Nutely, NJ, USA  
 SOURCE: European Journal of Biochemistry (1994), 225(2), 695-72  
 CODEN: EJBCAI; ISSN: 0014-2956  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 152 OF 168 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 ACCESSION NUMBER: 94:370591 SCISEARCH  
 THE GENUINE ARTICLE: NR066  
 TITLE: HYBRID FORMATION BETWEEN ENDOGENOUS MOUSE AND TRANSFECTED **HUMAN TYROSINE KINASE-DEFICIENT** (A/K1018) INSULIN-RECEPTORS LEADS TO DECREASED INSULIN SENSITIVITY IN 3T3-L1 ADIPOCYTES  
 AUTHOR: GRAKO K A (Reprint); MCCLAIN D A; OLEFSKY J M  
 CORPORATE SOURCE: LA JOLLA CANC RES FDN, 10901 N TORREY PINES RD, LA JOLLA, CA, 92037 (Reprint); UNIV CALIF SAN DIEGO, DEPT MED, SAN DIEGO, CA, 92161; UNIV ALABAMA, VET ADM MED CTR, DEPT MED, BIRMINGHAM, AL, 35294; UNIV CALIF SAN DIEGO, VET ADM MED CTR, SCH MED, DEPT MED, DIV ENDOCRINOL & METAB, SAN DIEGO, CA, 92161  
 COUNTRY OF AUTHOR: USA  
 SOURCE: MOLECULAR ENDOCRINOLOGY, (JUN 1994) Vol. 8, No. 6, pp. 682-692.  
 ISSN: 0888-8809.  
 DOCUMENT TYPE: Article; Journal  
 FILE SEGMENT: LIFE  
 LANGUAGE: ENGLISH  
 REFERENCE COUNT: 24  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L11 ANSWER 153 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:452989 HCAPLUS  
 DOCUMENT NUMBER: 121:52989  
 TITLE: cDNA **cloning** and **expression** of **human** calmodulin-dependent protein **kinase IV**  
 AUTHOR(S): Kitani, Takako; Okuro, Sachiko; Fujisawa, Hitoshi  
 CORPORATE SOURCE: Dep. Biochem., Asahikawa Med. Coll., Asahikawa, 078, Japan

SOURCE: Journal of Biochemistry (Tokyo, Japan) (1994), 115(4), 637-40  
 CODEN: JOBIAO; ISSN: 0021-924X

DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 154 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:573842 HCAPLUS  
 DOCUMENT NUMBER: 121:173842  
 TITLE: **Cloning** of a novel putative protein **kinase** having a leucine zipper domain from **human brain**

AUTHOR(S): Reddy, Usha R.; Pleasure, David  
 CORPORATE SOURCE: Neurology Research, Children's Hosp. of Philadelphia, Philadelphia, PA, 19104, USA

SOURCE: Biochemical and Biophysical Research Communications (1994), 202(1), 613-20  
 CODEN: BBRC9; ISSN: 0006-291X

DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 155 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:647769 HCAPLUS  
 DOCUMENT NUMBER: 121:247769  
 TITLE: **Cloning** and chromosomal localization of the gene coding for **human protein kinase CK1**

AUTHOR(S): Tapia, Claudio; Featherstone, Terence; Gomez, Claudio; Taillon-Miller, Patricia; Allende, Catherine C.; Allende, Jorge E.

CORPORATE SOURCE: Fac. Med., Univ. Chile, Santiago, Chile

SOURCE: FEBS Letters (1994), 349(2), 307-12  
 CODEN: FEBLAL; ISSN: 0014-5793

DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 156 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1994:157404 HCAPLUS  
 DOCUMENT NUMBER: 120:157404  
 TITLE: Identification and chromosomal mapping of a receptor tyrosine **kinase** with a putative phospholipid binding sequence in its ectodomain

AUTHOR(S): Perez, Jose L.; Shen, Xueyu; Finkernagel, Scott; Sciorra, Leonard; Jenkins, Nancy A.; Gilbert, Debra J.; Copeland, Neal G.; Wong, Tai Wai

CORPORATE SOURCE: Dep. Biochem., Robert Wood Johnson Med. Sch., Piscataway, NJ, 08854, USA

SOURCE: Oncogene (1994), 9(1), 211-19  
 CODEN: ONCNES; ISSN: 0950-9232

DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 157 OF 168 MEDLINE on STN DUPLICATE 15  
 ACCESSION NUMBER: 94252566 MEDLINE  
 DOCUMENT NUMBER: 94252566 PubMed ID: 8194751  
 TITLE: The cDNA sequence and characterization of the Ca<sup>2+</sup>/calmodulin-dependent protein **kinase**-Gr from **human brain** and thymus.

AUTHOR: Bland M M; Monroe R S; Ohmstede C A

CORPORATE SOURCE: Wellcome Research Laboratories, Research Triangle Park, NC 27709.

SOURCE: GENE, (1994 May 16) 142 (2) 191-7.  
 Journal code: 7706761. ISSN: 0378-1119.

PUB. COUNTRY: Netherlands

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-L17000  
ENTRY MONTH: 199406  
ENTRY DATE: Entered STN: 19940707  
Last Updated on STN: 19980206  
Entered Medline: 19940629

L11 ANSWER 158 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1995:172480 HCAPLUS  
DOCUMENT NUMBER: 122:28043  
TITLE: An oncogenic form of **human** raf can specify  
terminal body pattern in Drosophila  
AUTHOR(S): Casanova, Jordi; Llimargas, Marta; Greenwood, Simon;  
Struhl, Gary  
CORPORATE SOURCE: Cent. Invest. Desenvolupament, Barcelona, 08034, Spain  
SOURCE: Mechanisms of Development (1994), 48(1), 59-64  
CODEN: MEDVE6; ISSN: 0925-4773  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 159 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1993:534278 HCAPLUS  
DOCUMENT NUMBER: 119:134278  
TITLE: **Cloning and expression** of GRK5: A  
member of the G protein-coupled receptor  
**kinase** family  
AUTHOR(S): Kunapuli, Priya; Benovic, Jeffrey L.  
CORPORATE SOURCE: Jefferson Cancer Inst., Thomas Jefferson Univ.,  
Philadelphia, PA, 19107, USA  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (1993), 90(12), 5588-92  
CODEN: PNASA6; ISSN: 0027-8424  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 160 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1993:403901 HCAPLUS  
DOCUMENT NUMBER: 119:3901  
TITLE: **Cloning and analysis** of two new isoforms of  
multifunctional calcium/calmodulin-dependent protein  
**kinase. Expression** in multiple  
**human** tissues  
AUTHOR(S): Nghiem, Paul; Saati, Shahin M.; Martens, Christine L.;  
Gardner, Phyllis; Schulman, Howard  
CORPORATE SOURCE: Dep. Pharmacol., Stanford Med. Sch., Stanford, CA,  
94305, USA  
SOURCE: Journal of Biological Chemistry (1993), 268(8), 5471-9  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 161 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1994:130308 HCAPLUS  
DOCUMENT NUMBER: 120:130308  
TITLE: A survey of protein tyrosine **kinase** mRNAs  
**expressed** in normal **human**  
melanocytes  
AUTHOR(S): Lee, Seung Taek; Strunk, Kathleen M.; Spritz, Richard  
A.  
CORPORATE SOURCE: Dep. Med. Genet., Univ. Wisconsin, Madison, WI, 53706,  
USA  
SOURCE: Oncogene (1993), 8(12), 3403-10

CODEN: ONCNES; ISSN: 0950-9232

DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 162 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1993:554632 HCAPLUS  
DOCUMENT NUMBER: 119:154632  
TITLE: A non-receptor tyrosine **kinase** that inhibits the GTPase activity of p21cdc42  
AUTHOR(S): Manser, Edward; Leung, Thomas; Salihuddin, Harfizah; Tan, Lydia; Lim, Louis  
CORPORATE SOURCE: Inst. Mol. Cell Biol., Natl. Univ. Singapore, Singapore, 0511, Singapore  
SOURCE: Nature (London, United Kingdom) (1993), 363(6427), 364-7  
CODEN: NATUAS; ISSN: 0028-0836

DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 163 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1994:126443 HCAPLUS  
DOCUMENT NUMBER: 120:126443  
TITLE: The **human** TYRO3 gene and pseudogene are located in chromosome 15q14-q25  
AUTHOR(S): Polvi, Anne; Armstrong, Elina; Lai, Cari; Lemke, Greg; Huebner, Kay; Spritz, Richard A.; Guida, Leticia C.; Nicholls, Robert D.; Alitalo, Kari  
CORPORATE SOURCE: Dep. Pathol., Univ. Helsinki, Helsinki, SF-00014, Finland  
SOURCE: Gene (1993), 134(2), 289-93  
CODEN: GENED6; ISSN: 0378-1119

DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 164 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1992:546098 HCAPLUS  
DOCUMENT NUMBER: 117:146098  
TITLE: Isolation and characterization of a **human** gene that encodes a new subclass of protein tyrosine **kinases**  
AUTHOR(S): Braeuninger, Andreas; Holtrich, Uwe; Strebhardt, Klaus; Ruebsamen-Waigmann, Helga  
CORPORATE SOURCE: Chemotherapeut. Forschungsinst., Frankfurt/Main, 6000/70, Germany  
SOURCE: Gene (1992), 110(2), 205-11  
CODEN: GENED6; ISSN: 0378-1119

DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 165 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1991:507651 HCAPLUS  
DOCUMENT NUMBER: 115:107651  
TITLE: Molecular **cloning** and **expression** of a **human** brain inositol 1,4,5-trisphosphate 3-**kinase**  
AUTHOR(S): Takazawa, Kazunaga; Perret, Jason; Dumont, Jacques E.; Erneux, Christophe  
CORPORATE SOURCE: Inst. Rech. Interdiscip., Univ. Libre Bruxelles, Brussels, B-1070, Belg.  
SOURCE: Biochemical and Biophysical Research Communications (1991), 174(2), 529-35  
CODEN: BBRC9; ISSN: 0006-291X

DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 166 OF 168 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 ACCESSION NUMBER: 1989:426462 BIOSIS  
 DOCUMENT NUMBER: PREV198988084720; BA88:84720  
 TITLE: IDENTIFICATION OF A DEVELOPMENTALLY REGULATED  
 PROTEIN-TYROSINE **KINASE** BY USING  
 ANTI-PHOSPHOTYROSINE ANTIBODIES TO SCREEN A COMPLEMENTARY  
 DNA **EXPRESSION** LIBRARY.  
 AUTHOR(S): PASQUALE E B [Reprint author]; SINGER S J  
 CORPORATE SOURCE: DEP BIOL, B-022, UNIV CALIFORNIA, SAN DIEGO, LA JOLLA,  
 CALIF 92093, USA  
 SOURCE: Proceedings of the National Academy of Sciences of the  
 United States of America, (1989) Vol. 86, No. 14, pp.  
 5449-5453.  
 CODEN: PNASA6. ISSN: 0027-8424.  
 DOCUMENT TYPE: Article  
 FILE SEGMENT: BA  
 LANGUAGE: ENGLISH  
 OTHER SOURCE: GENBANK-M24637  
 ENTRY DATE: Entered STN: 19 Sep 1989  
 Last Updated on STN: 23 Sep 1989

L11 ANSWER 167 OF 168 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1987:528232 HCAPLUS  
 DOCUMENT NUMBER: 107:128232  
 TITLE: **Human creatine kinase: isolation**  
 and sequence analysis of cDNA clones for the  
 B subunit, development of subunit specific probes and  
 determination of gene copy number  
 AUTHOR(S): Villarreal-Levy, Gerardo; Ma, Tony S.; Kerner, Sandra  
 A.; Roberts, Robert; Perryman, M. Benjamin  
 CORPORATE SOURCE: Dep. Med., Baylor Coll. Med., Houston, TX, 77030, USA  
 SOURCE: Biochemical and Biophysical Research Communications  
 (1987), 144(3), 1116-27  
 CODEN: BBRC9; ISSN: 0006-291X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L11 ANSWER 168 OF 168 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
 ACCESSION NUMBER: 1987-04660 BIOTECHDS  
 TITLE: **Expression of retro viral vectors in transgenic**  
 mice obtained by **embryo** infection;  
 retro virus MMCV-neo use of foreign gene  
**expression** in mouse  
 AUTHOR: Stewart C L; Schuetze S; Vanek M; Wagner E F  
 LOCATION: European Molecular Biology Laboratory, Postfach 10.2209,  
 D-6900 Heidelberg, Germany.  
 SOURCE: EMBO J.; (1987) 6, 2, 383-88  
 CODEN: EMJODG  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

=> e turner c/au

E1	7	TURNER BUFFY/AU
E2	2	TURNER BUFFY P/AU
E3	1244 -->	TURNER C/AU
E4	1	TURNER C */AU
E5	139	TURNER C A/AU
E6	3	TURNER C A JR/AU
E7	1	TURNER C A L/AU
E8	5	TURNER C A P/AU
E9	1	TURNER C ALEX/AU
E10	11	TURNER C ALEXANDER/AU

E11 102 TURNER C ALEXANDER JR/AU  
E12 87 TURNER C B/AU

=> s e3

L12 1244 "TURNER C"/AU

=> e mathur b/au

E1 2 MATHUR AVDESH N/AU  
E2 1 MATHUR AVINASH C/AU  
E3 67 --> MATHUR B/AU  
E4 46 MATHUR B B/AU  
E5 48 MATHUR B B L/AU  
E6 27 MATHUR B C/AU  
E7 6 MATHUR B D/AU  
E8 151 MATHUR B K/AU  
E9 29 MATHUR B L/AU  
E10 2 MATHUR B M/AU  
E11 164 MATHUR B N/AU  
E12 138 MATHUR B P/AU

=> s e3

L13 67 "MATHUR B"/AU

=> s l12 ort l13

MISSING OPERATOR L12 ORT

The search profile that was entered contains terms or  
nested terms that are not separated by a logical operator.

=> s l12 or l13

L14 1310 L12 OR L13

=> d his

(FILE 'HOME' ENTERED AT 10:33:40 ON 12 FEB 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,  
LIFESCI' ENTERED AT 10:34:10 ON 12 FEB 2004

L1 1164919 S KINASE?  
L2 419227 S HUMAN AND L1  
L3 6364564 S CLON? OR EXPRESS? OR RECOMBINANT  
L4 203740 S L2 AND L3  
L5 3211231 S BRAIN OR PITUITARY OR HYPOTHALAMUS OR ADIPOSE  
L6 919291 S ADRENAL(A) GLAND OR FETAL(A) LUNG OR CEREBELUM OR EMBRYO  
L7 4023613 S L5 OR L6  
L8 21936 S L4 AND L7  
L9 1499 S HUMAN(A) L1  
L10 202 S L8 AND L9  
L11 168 DUP REM L10 (34 DUPLICATES REMOVED)  
E TURNER C/AU  
L12 1244 S E3  
E MATHUR B/AU  
L13 67 S E3  
L14 1310 S L12 OR L13

=> s l11 and l14

L15 0 L11 AND L14

=> s l10 and l14

L16 0 L10 AND L14

=> s l1 and l14

L17 12 L1 AND L14

=> dup rem l17

PROCESSING COMPLETED FOR L17  
L18 12 DUP REM L17 (0 DUPLICATES REMOVED)

=> d 1-12 ibib ab

L18 ANSWER 1 OF 12 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-16127 BIOTECHDS  
TITLE: New nucleic acid molecule encoding a novel human protein  
(NHP), useful for identifying compounds as therapeutic agents  
for treating a wide variety of symptoms associated with  
biological disorders or imbalance;  
involving vector-mediated gene transfer and expression in  
host cell for use in gene therapy and drug screening  
AUTHOR: TURNER C A; **MATHUR B**; MATHUR D; FRIDDLE C J  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: US 6511840 28 Jan 2003  
APPLICATION INFO: US 2001-883134 15 Jun 2001  
PRIORITY INFO: US 2001-883134 15 Jun 2001; US 2000-211572 15 Jun 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-391258 [37]

AB DERWENT ABSTRACT:  
NOVELTY - An isolated nucleic acid molecule comprising a sequence of 2925  
base pairs (bp) (I), encoding a sequence of 974 amino acids (aa), all  
sequences fully defined in the specification, or hybridizing under  
stringent conditions with washing in 0.1 x SSC/0.1 x SDS at 68degreesC to  
(I) or its complement, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the  
following: (1) a recombinant expression vector comprising the isolated  
nucleic acid molecule; and (2) a host cell comprising the recombinant  
expression vector.

WIDER DISCLOSURE - Also disclosed includes: (1) a human  
**kinase** protein encoded by the nucleic acid molecule; (2)  
antagonists or agonists of the protein; (3) transgenic animals that  
express a novel human protein (NHP) transgene, or knock-outs; and (4)  
processes for identifying compounds that modulate the NHP expression  
and/or activity.

ACTIVITY - None given. No biological data given.

MECHANISM OF ACTION - Gene therapy.

USE - The nucleic acid molecule and protein are useful for  
identifying compounds as therapeutic agents for treating a wide variety  
of symptoms associated with biological disorders or imbalance. They are  
also useful for diagnosis, drug screening, clinical trial monitoring,  
treating physiological disorders or diseases, and in cosmetic or  
nutriceutical applications. (27 pages)

L18 ANSWER 2 OF 12 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.  
on STN

ACCESSION NUMBER: 2004018558 EMBASE  
TITLE: The Use of Calculated Epicardial Potentials Improves  
Significantly the Sensitivity of a Diagnostic Algorithm in  
the Detection of Acute Myocardial Infarction.  
AUTHOR: Navarro C.; Owens C.; Riddell J.; McClelland A.; Anderson  
J.McC.; Escalona O.; **Turner C.**; Adgey J.  
CORPORATE SOURCE: C. Owens, Regional Medical Cardiology Centre, Royal  
Victoria Hospital, Grosvenor Rd, Belfast, BT12 6BA, United  
Kingdom. columowens@yahoo.co.uk  
SOURCE: Journal of Electrocardiology, (2003) 36/SUPPL. (127-132).  
Refs: 22  
ISSN: 0022-0736 CODEN: JECAB4  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Conference Article  
FILE SEGMENT: 018 Cardiovascular Diseases and Cardiovascular Surgery  
LANGUAGE: English



SUMMARY LANGUAGE: English

AB Inverse electrocardiography can calculate epicardial potentials (EP) from body surface potentials (BSP) taking into account a thoracic volume conductor model (TVCM). Previous studies have shown that a tailored TVCM is superior to a general TVCM in calculating EP. However, construction of a tailored TVCM for a patient in an acute clinical setting is impractical. In this study we used a general TVCM in our EP calculations to determine whether this improves detection of acute myocardial infarction (AMI) using a diagnostic algorithm. BSP were derived from the 80-lead body surface map (BSM). Consecutive patients (n=379) with ischemic type chest pain were recruited. The BSM and a 12-lead electrocardiogram (ECG) were recorded at initial presentation and creatine **kinase** (CK) and/or CK-MB were measured initially, 12 and 24 hours postsymptom onset. A physician interpreted the 12-lead electrocardiogram and documented ST elevation if present. AMI was defined by the World Health Organization (WHO) criteria. The diagnostic algorithm result for each patient using BSP and calculated EP were documented. AMI occurred in 171 patients. The diagnostic algorithm using BSP identified 106 of these as ST elevation AMI (STEMI) (sensitivity 62%, specificity 80%). The same algorithm using EP identified 133 as STEMI (sensitivity 78%, specificity 80%). Calculated EP improved the algorithm's diagnostic sensitivity by a factor of 1.25 (P < .001) with no significant difference in specificity. Calculated EP using a general TVCM significantly improves the sensitivity of a diagnostic algorithm based on BSP in detection of AMI with no significant loss in specificity.

L18 ANSWER 3 OF 12 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-06802 BIOTECHDS

TITLE: New human **kinase** proteins useful for diagnosis, drug screening, clinical trial monitoring, treatment of disorders and diseases, and cosmetic and nutritional applications;  
recombinant enzyme protein production and antagonist and agonist for use in gene therapy

AUTHOR: TURNER C A; **MATHUR B**; FRIDDLE C J

PATENT ASSIGNEE: LEXICON GENETICS INC

PATENT INFO: WO 2002081670 17 Oct 2002

APPLICATION INFO: WO 2002-US10786 4 Apr 2002

PRIORITY INFO: US 2001-282036 6 Apr 2001; US 2001-282036 6 Apr 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-058538 [05]

AB DERWENT ABSTRACT:

NOVELTY - An isolated nucleic acid comprising encoding a 778, 762 or 703 residue human **kinase** amino acid sequence, given in the specification (sequences I, II and III respectively), is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for an isolated protein having the **kinase** activity of (I), (II) or (III), and which is encoded by a 237, 2289 or 2112 base pair sequence, given in the specification.

WIDER DISCLOSURE - (1) agonists and antagonists of the proteins; (2) antibodies against the proteins; and (3) transgenic knock out animals.

ACTIVITY - None given

MECHANISM OF ACTION - None given

USE - The invention is useful for diagnosis, drug screening, clinical trial monitoring, treatment of disorders and diseases, and cosmetic and nutritional applications (disclosed). (24 pages)

L18 ANSWER 4 OF 12 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-01881 BIOTECHDS

TITLE: Novel polynucleotide encoding human proteins sharing sequence similarity with animal **kinases**, useful for drug screening, diagnosis, in gene therapy of disorders and diseases e.g. cancer;  
recombinant protein production and sense and antisense

sequence use in disease therapy and gene therapy

AUTHOR: TURNER C A; MATHUR B  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002059287 1 Aug 2002  
APPLICATION INFO: WO 2002-US1818 22 Jan 2002  
PRIORITY INFO: US 2001-263378 23 Jan 2001; US 2001-263378 23 Jan 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-599780 [64]

AB DERWENT ABSTRACT:

NOVELTY - An isolated nucleic acid molecule (I) comprising a 2007 or 1827 nucleotide sequence, encoding a novel human protein (NHP) comprising a 668 or 608 residue amino acid sequence, given in the specification, is new.

WIDER DISCLOSURE - (1) NHP encoded by (I), that share structural similarity with animal **kinases**; (2) host cell expressing systems comprising (I); (3) antibodies to NHP and anti-idiotypic antibodies; (4) fusion proteins comprising NHP; (5) genetically engineered animals that either lack or over express (I); (6) antagonists and agonists of NHP; (7) compounds that modulate the expression or activity NHP which can be used for diagnosis, drug screening, clinical trial monitoring, treatment of diseases and disorders, and cosmetic or nutraceutical applications; (8) identifying compounds that modulate, expression and/or activity of NHP; (9) degenerate nucleic acid variants of (I); (10) vectors that contain (I); (11) nucleotide sequences e.g. antisense and ribozyme molecules, that inhibit expression of (I); and (12) proteins that are functionally equivalent to NHPs.

BIOTECHNOLOGY - Preferred Protein: The NHPs are novel proteins expressed in human cell lines and human brain, pituitary, hypothalamus, adipose, cerebellum, adrenal gland, fetal lung and embryo cells.

ACTIVITY - Cytostatic.

MECHANISM OF ACTION - Gene therapy. No supporting data is given.

USE - NHP oligonucleotides are useful as hybridization probes for screening libraries and assessing gene expression patterns. NHP sequences are useful to identify mutations associated with a particular disease and also as a diagnostic or prognostic assay, and also in the molecular mutagenesis/evolution of proteins that are at least partially encoded by the NHP sequences. Sequences derived from regions adjacent to the intron/exon boundaries of NHP gene can be used to design primers for use in amplification assays to detect mutations within the exons, splice sites, introns that can be used in diagnostics and pharmacogenomics. NHP sequences are used in microarrays or other assay formats, to screen collections of genetic material from patients who have a particular medical condition. NHP nucleotide sequences are useful for drug screening effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body, and nucleotide constructs encoding NHP products are used to genetically engineer host cells to express NHP products in vivo. These genetically engineered cells function as bioreactors in the body delivering a continuous supply of a NHP, a NHP peptide, or a NHP fusion protein to the body. Nucleotide construct encoding NHP products are also useful in gene therapy for modulating NHP expression and to produce genetically engineered host cells to express NHP products in vivo. The encoded NHP polypeptides are useful for generating antibodies, as reagents in diagnostic assays, for identifying other cellular gene products related to NHP and as reagents in assays for screening for compounds that are useful in the treatment of mental, biological or medical disorders and diseases including cancer.

EXAMPLE - None given. (40 pages)

L18 ANSWER 5 OF 12 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-00776 BIOTECHDS

TITLE: Novel polynucleotides encoding human proteins that are structurally related to animal **kinases**, useful for drug screening, diagnosis and in gene therapy of biological

disorders;  
vector-mediated recombinant protein gene transfer and  
expression in host cell for use in drug screening and  
nootropic disease and mental disorder diagnosis and gene  
therapy

AUTHOR: TURNER C A; MATHUR B; FRIDDLE C J  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002048333 20 Jun 2002  
APPLICATION INFO: WO 2001-US49068 12 Dec 2001  
PRIORITY INFO: US 2001-289422 8 May 2001; US 2000-255103 12 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-583505 [62]  
AB DERWENT ABSTRACT:

NOVELTY - Isolated nucleic acid molecule (I) comprising a nucleotide sequence encoding a novel human protein (NHP) of 870, 864, 764, 751, 654, 648, 548, 535, 895, 889, 789, 776, 982, 976, 876, 863, 957, 951, 851 or 838 amino acids given in specification, that share structural similarity with animal **kinases**, including serine-threonine **kinases**, casein **kinases**, calcium/calmodulin-dependent protein **kinases** and mitogen activated **kinases**, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for an isolated nucleic acid molecule comprising a nucleotide sequence that encodes the sequence of 870 amino acids and hybridizes under stringent conditions to the nucleotide sequence of 2613 base pairs given in the specification or its complement.

WIDER DISCLOSURE - Disclosed are: (1) novel human membrane proteins (NHPs) encoded by (I), that share structural similarity with mammalian ion channel proteins and particularly voltage-gated potassium channel proteins; (2) host cell expressing systems comprising (I); (3) antibodies to NHP and anti-idiotypic antibodies; (4) fusion proteins comprising NHP; (5) genetically engineered animals that either lack or over express (I); (6) antagonists and agonists of NHP; (7) compounds that modulate the expression or activity NHP; (8) identifying compounds that modulate, expression and/or activity of NHP; (9) degenerate nucleic acid variants of (I); (10) vectors that contain (I); and (11) nucleotide sequences (e.g. antisense and ribozyme molecules) that inhibit expression of (I).

BIOTECHNOLOGY - Preferred Protein: NHPs are novel proteins expressed in human cell lines and human fetal brain, brain, pituitary, cerebellum, and fetal lung, kidney, and embryo cells.

ACTIVITY - Nootropic.

MECHANISM OF ACTION - Gene therapy. No suitable data is given.

USE - NHP oligonucleotides are useful as hybridization probes for screening libraries and assessing gene expression patterns. NHP sequences are useful to identify mutations associated with a particular disease and also as a diagnostic or prognostic assay, and also in the molecular mutagenesis/evolution of proteins that are at least partially encoded by the NHP sequences. Sequences derived from regions adjacent to the intron/exon boundaries of NHP gene can be used to design primers for use in amplification assays to detect mutations within the exons, splice sites, introns that can be used in diagnostics and pharmacogenomics. NHP sequences are utilized in microarrays or other assay formats, to screen collections of genetic material from patients who have a particular medical condition. NHP nucleotide sequences are useful for drug screening effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body, and nucleotide constructs encoding NHP products are used to genetically engineer host cells to express NHP products in vivo. These genetically engineered cells function as bioreactors in the body delivering a continuous supply of a NHP, a NHP peptide, or a NHP fusion protein to the body. Nucleotide construct encoding NHP products are also useful in gene therapy for modulating NHP expression and to produce genetically engineered host cells to express NHP products in vivo. NHP nucleotide sequences may also be used as part of ribozyme and/or triple helix sequences that are useful

for NHP gene regulation. The encoded NHP polypeptides are useful for generating antibodies, as reagents in diagnostic assays, for identifying other cellular gene products related to NHP and as reagents in assays for screening for compounds that are useful in the treatment of mental, biological or medical disorders and diseases.

EXAMPLE - No suitable example given. (93 pages)

L18 ANSWER 6 OF 12 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2002-20038 BIOTECHDS

TITLE: Novel human **kinase** polynucleotide useful in therapeutic, diagnostic and pharmacogenomic applications; recombinant enzyme protein production via plasmid expression in host cell use in disease therapy and gene therapy

AUTHOR: FRIDDLE C J; HILBUN E; **MATHUR B**; TURNER C A

PATENT ASSIGNEE: LEXICON GENETICS INC

PATENT INFO: WO 2002042438 30 May 2002

APPLICATION INFO: WO 2000-US43825 20 Nov 2000

PRIORITY INFO: US 2000-252011 20 Nov 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-566563 [60]

AB DERWENT ABSTRACT:

NOVELTY - A human **kinase** polynucleotide (I) selected from a polynucleotide comprising a 2079 base pair sequence (S1) that encodes a 692 or 817 amino acid sequence (S2), a polynucleotide that hybridizes to a 2454 base pair sequence (S3) or its complement, and a polynucleotide comprising at least 24 contiguous base pairs from S3, where S1, S2 or S3 is fully defined in the specification, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for an isolated expression vector (II) comprising a promoter element operatively positioned to express a transcript encoding the 817 amino acid sequence.

WIDER DISCLOSURE - Also disclosed are: (1) a host cell expression system expressing (I); (2) a protein encoded by (I); (3) a fusion protein comprising the protein encoded by (I); (4) antibodies or anti-idiotypic antibodies to the protein encoded by (I); (5) a genetically engineered animal that either lacks or over expresses (I); (6) antagonists or agonists of the protein encoded by (I); (7) a compound that modulates the expression or activity of the protein encoded by (I); (8) a pharmaceutical formulation and method for treating biological disorders; and (9) a protein that is functionally equivalent to the protein encoded by (I).

USE - (I) is useful in therapeutic, diagnostic and pharmacogenomic applications, and for identifying compounds that modulate, i.e., act as agonists or antagonists of the gene expression or gene product activity. (I) is useful for the identification of protein coding sequences, for mapping a unique gene to a particular chromosome, as additional DNA markers for restriction fragment length polymorphism (RFLP) analysis and in forensic biology, for screening libraries, isolating clones, preparing cloning and sequencing templates, as hybridization probes, in microarrays or other assay formats, to screen collections of genetic material from patients who have a particular medical condition, to identify mutations associated with a particular disease and also as a diagnostic or prognostic assay. (I) is useful for the detection of mutant human proteins, or inappropriately expressed proteins for the diagnosis of disease, for screening for drugs effective in the treatment of the symptomatic or phenotypic manifestations of perturbing the normal function of the protein in the body, for generation of antibodies, for identification of other cellular gene products related to the protein, and as reagents in assays for screening for compounds that can be used as pharmaceutical agents in the therapeutic treatment of mental, biological or medical disorders and diseases.

EXAMPLE - None given. (43 pages)

L18 ANSWER 7 OF 12 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-00762 BIOTECHDS

TITLE: Novel polynucleotides encoding human proteins that share  
sequence similarity with animal **kinases**, useful for  
drug screening diagnosis and in gene therapy of biological  
disorders;  
vector-mediated gene transfer, expression in host cell and  
transgenic animal for recombinant protein production, drug  
screening and gene therapy

AUTHOR: TURNER C A; **MATHUR B**  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002031129 18 Apr 2002  
APPLICATION INFO: WO 2001-US32010 11 Oct 2001  
PRIORITY INFO: US 2000-239821 12 Oct 2000; US 2000-239821 12 Oct 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-583341 [62]

AB DERWENT ABSTRACT:

NOVELTY - An isolated nucleic acid molecule (I) comprising a 2301 (S1) or 2298 (S2) base pair sequence, encoding novel human proteins (NHPs) of 766 (S3) or 765 (S4) residue amino acid sequences, all given in the specification, and sharing sequence similarity with animal **kinases**, or a nucleic acid molecule that encodes (S3) and hybridizes under stringent conditions to (S1) or its complement, is new.

WIDER DISCLOSURE - (1) novel human membrane proteins (NHPs) encoded by (I), that share sequence similarity with animal **kinases**; (2) host cell expressing systems comprising (I); (3) antibodies to NHP and anti-idiotypic antibodies; (4) fusion proteins comprising NHP; (5) genetically engineered animals that either lack or over express (I); (6) antagonists and agonists of NHP; (7) compounds that modulate the expression or activity NHP; (8) identifying compounds that modulate, expression and/or activity of NHP; (9) degenerate nucleic acid variants of (I); (10) vectors that contain (I); and (11) nucleotide sequences (e.g. antisense and ribozyme molecules) that inhibit expression of (I).

BIOTECHNOLOGY - Preferred Protein: NHPs share structural similarity with animal **kinases**, calcium/calmodulin-dependent protein **kinases** and mitogen activated **kinases**. They are expressed in human cell lines and human fetal brain, brain, pituitary, spinal cord, testis, adipose and esophagus cells.

ACTIVITY - None given.

MECHANISM OF ACTION - Gene therapy. No biological data is given.

USE - NHP oligonucleotides are useful as hybridization probes for screening libraries and assessing gene expression patterns. Sequences derived from regions adjacent to the intron/exon boundaries of NHP gene can be used to design primers for use in amplification assays to detect mutations within the exons, splice sites, introns that can be used in diagnostics and pharmacogenomics. NHP nucleotide sequences are useful for drug screening effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body, and nucleotide constructs encoding NHP products are used to genetically engineer host cells to express NHP products in vivo. These genetically engineered cells function as bioreactors in the body delivering a continuous supply of a NHP, a NHP peptide, or a NHP fusion protein to the body. Nucleotide construct encoding NHP products are also useful in gene therapy for modulating NHP expression and to produce genetically engineered host cells to express NHP products in vivo. The host cells allow not only for the identification of compounds that bind to the endogenous receptor/ligand of a NHP, but can also identify compounds that trigger NHP-mediated activities or pathways. NHP nucleotide sequences may also be used as part of ribozyme and/or triple helix sequences that are useful for NHP gene regulation. When the unique NHP sequences are knocked-out they provide a method of identifying phenotypic expression of the particular gene as well as a method of assigning function to previously unknown genes. The unique NHP sequences are useful for the

identification of protein coding sequence, mapping a unique gene to a particular chromosome and to identify mutations associated with a particular disease and also as a diagnostic or prognostic assay. These sequences identify biologically verified exon splice junctions as opposed to splice junctions that may be bioinformatically predicted from genomic sequence alone. The sequences are also useful as additional DNA markers for restriction fragment length polymorphism (RFLP) analysis, in forensic biology, and in defining and monitoring both drug action and toxicity. The encoded NHP polypeptides are useful for generating antibodies, as reagents in diagnostic assays, for identifying other cellular gene products related to NHP and as reagents in assays for screening for compounds that are useful in the treatment of mental, biological or medical disorders and diseases. Addressable arrays comprising NHP sequences are useful to identify and characterize the temporal and tissue specific expression of a gene. The NHP sequences can be used in microarrays or other assay formats, to screen collections of genetic material from patients who have a particular medical condition. (41 pages)

L18 ANSWER 8 OF 12 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-12822 BIOTECHDS  
TITLE: New novel human polynucleotides encoding proteins sharing sequence similarity with animal **kinases**, useful for diagnosing or treating disorders;  
human recombinant protein production and its encoding gene useful for gene therapy and diagnosis  
AUTHOR: TURNER C A; **MATHUR B**; FRIDDLE C J  
PATENT ASSIGNEE: TURNER C A; **MATHUR B**; FRIDDLE C J  
PATENT INFO: US 2002161213 31 Oct 2002  
APPLICATION INFO: US 2001-20079 12 Dec 2001  
PRIORITY INFO: US 2001-20079 12 Dec 2001; US 2000-255103 12 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-288125 [28]  
AB DERWENT ABSTRACT:  
NOVELTY - An isolated nucleic acid comprising a nucleotide sequence encoding a sequence having 870, 864, 764, 751, 654, 648, 548, 535, 895, 889, 789, 776, 982, 976, 876, 863, 957, 951, 851 or 838 amino acids, is new.  
BIOTECHNOLOGY - Preferred Nucleic Acid: The nucleic acid comprises a nucleotide sequence that: (1) encodes the 870- or 757-amino acid sequence; or (2) hybridizes under stringent conditions to the 2613-bp sequence or its complement.  
ACTIVITY - None given.  
MECHANISM OF ACTION - Gene therapy.  
USE - The novel human polynucleotides encoding proteins sharing sequence similarity with animal **kinases** are useful for diagnosing or treating disorders. (78 pages)

L18 ANSWER 9 OF 12 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2002-01084 BIOTECHDS  
TITLE: Novel polynucleotides encoding human **kinase** interacting protein useful for drug screening, diagnosis and in gene therapy of biological disorders;  
involving vector-mediated gene transfer for expression in host cell and antisense oligonucleotide for use in drug screening, pharmacogenomics and gene therapy  
AUTHOR: **Mathur B**; Turner Jr C A  
PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001066760 13 Sep 2001  
APPLICATION INFO: WO 2001-US7499 8 Mar 2001  
PRIORITY INFO: US 2000-187719 8 Mar 2000  
DOCUMENT TYPE: Patent

LANGUAGE: English  
OTHER SOURCE: WPI: 2001-557870 [62]  
AB An isolated nucleic acid molecule (I) comprising a nucleotide sequence encoding novel human **kinase**-interacting proteins (NHPs) of 187 amino acids and that hybridizes under stringent conditions to a nucleotide sequence of 564 bp or its complement, is claimed. Also claimed is an isolated nucleic acid molecule comprising at least 24 contiguous bases of the sequence. NHP oligonucleotides are useful as hybridization probes for screening libraries and assessing gene expression patterns. Sequences derived from regions adjacent to the intron/exon boundaries of NHP gene can be used to design DNA primers for use in amplification assays to detect mutations within the exons, splice sites, introns that can be used in diagnostics and pharmacogenomics. NHP nucleotide sequences are useful for drug screening and nucleotide construct encoding NHP products are useful in gene therapy for modulating NHP expression and to produce genetically engineered host cells to express NHP products in vivo. (32pp)

L18 ANSWER 10 OF 12 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2001-11030 BIOTECHDS

TITLE: Novel isolated human **kinase** polynucleotide useful for screening for drugs effective in treatment of symptomatic or phenotypic manifestations of perturbing normal function of human **kinase** protein in the body; recombinant protein production via plasmid expression in host cell useful in gene therapy

AUTHOR: Mathur B; Turner Jr A C; Abuin A; Friedrich G; Zambrowicz B; Sands A T

PATENT ASSIGNEE: Lexicon-Genetics

LOCATION: The Woodlands, TX, USA.

PATENT INFO: WO 2001034783 17 May 2001

APPLICATION INFO: WO 2000-US30380 3 Nov 2000

PRIORITY INFO: US 1999-164289 8 Nov 1999

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2001-335921 [35]

AB An isolated human **kinase** polynucleotide (I) selected from a polynucleotide is claimed. (I) contains at least 24 contiguous bases of a sequence (S) containing 2,682 bp fully defined, a polynucleotide encoding a sequence containing 893 amino acid fully defined, and a polynucleotide that hybridizes under stringent conditions to (S), or its complement. Also disclosed are: a DNA vector; a recombinant host cell; degenerate DNA variants of (I); transgenic animals that either lack or over express (I); novel human **kinase** protein (NHP); (ant)agonists of (I), and other compounds that modulate that expression or activity of (I); a process for identifying (ant)agonists; and antibodies that recognize one or more epitopes of a NHP. (I) is useful for detection of mutant NHP, or inappropriately expressed NHPs for the diagnosis of disease. (I) is useful for screening for drugs effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body. (I) is useful in the molecular mutagenesis or evolution of proteins. (I) is useful in conjunction with polymerase chain reaction. (I) is useful as a hybridization probe. (34pp)

L18 ANSWER 11 OF 12 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 2001272999 EMBASE

TITLE: Alterations of the 9p21 and 9q33 chromosomal bands in clinical bladder cancer specimens by fluorescence in situ hybridization.

AUTHOR: Stadler W.M.; Steinberg G.; Yang X.; Hagos F.; Turner C.; Olopade O.I.

CORPORATE SOURCE: W.M. Stadler, Section Hematology, MC2115, 5841 South

Maryland, Chicago, IL 60637, United States.  
wstadler@medicine.bsd.uchicago.edu  
SOURCE: Clinical Cancer Research, (2001) 7/6 (1676-1682).  
Refs: 34  
ISSN: 1078-0432 CODEN: CCREF4  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
016 Cancer  
022 Human Genetics  
028 Urology and Nephrology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

AB Purpose: To better define cytogenetic mechanisms of CDKN2 loss at 9p21 and of DBCCR1 loss at 9q33 in bladder cancer, and to determine correlation with p53 and pRb. Experimental Design: Two-color fluorescence in situ hybridization (FISH) using a chromosome 9 centromeric probe and locus-specific probes was performed. p53 and pRb were assessed by immunohistochemistry. Results: Thirty-seven of fifty-five (67%) samples exhibited 9p21 loss, and 32 of 44 (73%) exhibited 9q33 loss. Twelve of 43 informative samples exhibited only 9p21 loss (5 cases) or only 9q33 loss (7 cases). Homozygous deletions were noted at 9p21 and 9q33 in 31 and 14% of cases, respectively, but 9q33 homozygous deletions were generally observed in only a minor clone. There was no correlation of any chromosome 9 loss with stage, but stage did correlate with chromosome 9 ploidy status; aneusomy 9 was observed in 33% of T(a) lesions and 71% of more advanced cases (P = 0.01). Aneusomy 9 was loosely correlated with p53 abnormalities (P = 0.07), but no correlation between any chromosome 9 and pRb abnormalities was discerned. Conclusions: This study strengthens the proposition that chromosome 9 losses occur early in bladder oncogenesis and before p53 alterations or development of aneusomy. The correlation of aneusomy 9 with p53 abnormalities is consistent with the presumed role of p53 in maintaining cytogenetic stability. Although the observed homozygous deletions strengthen the hypotheses that CDKN2 and DBCCR1 are important tumor suppressor genes, there is no evidence that either is a more critical or an earlier target for oncogenesis.

L18 ANSWER 12 OF 12 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.  
on STN

ACCESSION NUMBER: 2001362181 EMBASE  
TITLE: Influences of adenosine on the fetus and newborn.  
AUTHOR: Rivkees S.A.; Zhao Z.; Porter G.; **Turner C.**  
CORPORATE SOURCE: S.A. Rivkees, Yale Pediatrics, P.O. 208081, New Haven, CT 06520, United States. Scott.Rivkees@Yale.edu  
SOURCE: Molecular Genetics and Metabolism, (2001) 74/1-2 (160-171).  
Refs: 52  
ISSN: 1096-7192 CODEN: MGMEFF  
COUNTRY: United States  
DOCUMENT TYPE: Journal; (Short Survey)  
FILE SEGMENT: 007 Pediatrics and Pediatric Surgery  
021 Developmental Biology and Teratology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

AB Few signaling molecules have the potential to influence the developing mammal as the nucleoside adenosine. In contrast to most neurotransmitters, adenosine is released by all cells and is present in all tissues. The adenosinergic system is therefore not dependent on the presence of mature synaptic structures or an intact autonomic nervous system for its release. However, similar to other signaling molecules, adenosine levels are dynamically regulated and increase with increased tissue activity, hypoxia, or stress. Local adenosine concentrations thus provide a "humoral barometer" of acute changes in cellular physiology. The receptors that transduce adenosine action include A(1), A(2a), A(2b), and A(3) adenosine receptors. These receptors differ in their affinities for adenosine and in



patterns of tissues expression. During development A(1) adenosine receptors (A1ARs) are especially important, and A1ARs are among the earliest receptors expressed in the embryonic brain and heart. In the developing heart, the adenosinergic system is the dominant regulator of fetal cardiac function and A1AR activation inhibits cardiac cell division leading to cardiac hypoplasia. In the forming central nervous system, A1AR activation potently inhibits the development of axons and can lead to leukomalacia. These recent data suggest that adenosine is an important modulator of mammalian development. .COPYRGT. 2001 Academic Press.

=> d his

(FILE 'HOME' ENTERED AT 10:33:40 ON 12 FEB 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 10:34:10 ON 12 FEB 2004

```
L1      1164919 S KINASE?
L2      419227 S HUMAN AND L1
L3      6364564 S CLON? OR EXPRESS? OR RECOMBINANT
L4      203740 S L2 AND L3
L5      3211231 S BRAIN OR PITUITARY OR HYPOTHALAMUS OR ADIPOSE
L6      919291 S ADRENAL(A) GLAND OR FETAL(A) LUNG OR CEREBELUM OR EMBRYO
L7      4023613 S L5 OR L6
L8      21936 S L4 AND L7
L9      1499 S HUMAN(A) L1
L10     202 S L8 AND L9
L11     168 DUP REM L10 (34 DUPLICATES REMOVED)
        E TURNER C/AU
L12     1244 S E3
        E MATHUR B/AU
L13     67 S E3
L14     1310 S L12 OR L13
L15     0 S L11 AND L14
L16     0 S L10 AND L14
L17     12 S L1 AND L14
L18     12 DUP REM L17 (0 DUPLICATES REMOVED)
```

	Issue Date	Pages	Document ID	Title
1	20040205	144	US 20040023242 A1	Human kinases
2	20040129	112	US 20040018185 A1	Human kinases
3	20040122	53	US 20040014659 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
4	20040122	74	US 20040014193 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
5	20040115	73	US 20040010136 A1	Composition for the detection of signaling pathway gene expression
6	20031218	111	US 20030232408 A1	ISOLATED HUMAN KINASE PROTEINS
7	20031211	40	US 20030228674 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
8	20031211	122	US 20030228595 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
9	20031113	136	US 20030211093 A1	Human kinases

	Issue Date	Pages	Document ID	Title
10	20031106	128	US 20030207311 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
11	20031106	148	US 20030207299 A1	Human kinases
12	20030918	102	US 20030175927 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
13	20030918	45	US 20030175926 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
14	20030918	210	US 20030175791 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
15	20030904	48	US 20030166221 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
16	20030904	79	US 20030166219 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
17	20030904	85	US 20030166215 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
18	20030821	41	US 20030157679 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
19	20030724	61	US 20030140354 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
20	20030717	53	US 20030134319 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
21	20030710	76	US 20030129704 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
22	20030710	90	US 20030129645 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
23	20030626	156	US 20030119037 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
24	20030605		US 20030104505 A1	Nucleic acid molecules encoding human kinase and phosphatase homologues and uses therefor
25	20030424	39	US 20030077799 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
26	20030403	68	US 20030064475 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
27	20030320	90	US 20030054529 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
28	20030313	81	US 20030049795 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
29	20030313	47	US 20030049792 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
30	20030206	185	US 20030027307 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
31	20030130	207	US 20030022340 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
32	20030130	40	US 20030022339 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
33	20030130	53	US 20030022337 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
34	20030130	41	US 20030022232 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
35	20030130	100	US 20030022229 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
36	20030102	35	US 20030003560 A1	Isolated human casein kinase proteins, nucleic acid molecules encoding human casein kinase proteins, and uses thereof
37	20021121	54	US 20020172981 A1	Nucleic acid molecules encoding human kinase and phosphatase homologues and uses therefor
38	20021017	95	US 20020151020 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
39	20021003	52	US 20020142430 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
40	20021003	40	US 20020142427 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
41	20020926	31	US 20020137167 A1	ISOLATED HUMAN CASEIN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN CASEIN KINASE PROTEINS, AND USES THEREOF
42	20020919	89	US 20020132325 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
43	20020919	90	US 20020132324 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
44	20020919	184	US 20020132322 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
45	20020919		US 20020132321 A1	14790, Novel protein kinase molecule and uses therefor
46	20020919	39	US 20020132296 A1	Human Ste20-like stress activated serine/threonine kinase
47	20020912	174	US 20020127683 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF

	Issue Date	Pages	Document ID	Title
48	20020905	63	US 20020123121 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
49	20020905	69	US 20020123120 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
50	20020829	53	US 20020119548 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
51	20020829	94	US 20020119544 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
52	20020815	67	US 20020110889 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
53	20020815	49	US 20020110888 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
54	20020801	34	US 20020103116 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
55	20020718	69	US 20020094946 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
56	20020718	56	US 20020094560 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF

	Issue Date	Pages	Document ID	Title
57	20020704		US 20020086391 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
58	20020627	320	US 20020082189 A1	ISOLATED HUMAN SERINE/THREONINE KINASE NUCLEIC ACID MOLECULES ENCODING HUMAN SERINE/THREONINE KINASE AND USES THEREOF
59	20020620	52	US 20020076783 A1	Plants and plants cells expressing histidine tagged intimin
60	20020613	68	US 20020072491 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
61	20020530	39	US 20020064851 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
62	20020509	78	US 20020055160 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
63	20020228	40	US 20020025570 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
64	20020207	44	US 20020015987 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
65	20011220	44	US 20010053844 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof



	Issue Date	Pages	Document ID	Title
66	20040210		US 6689597 B2	Isolated human kinase proteins
67	20040203		US 6686176 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
68	20040120		US 6680188 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
69	20031230		US 6670164 B2	Isolated human kinase proteins
70	20031230		US 6670163 B2	Isolated human kinase proteins
71	20031230		US 6670162 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
72	20031216		US 6664085 B2	Isolated human calcium/calmodulin (CaMk) dependent kinase proteins
73	20031125		US 6653117 B2	Isolated human kinase proteins
74	20031125		US 6653116 B2	Isolated human kinase proteins

	Issue Date	Pages	Document ID	Title
75	20031118		US 6649389 B2	Isolated human kinase proteins
76	20031028		US 6638745 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
77	20031007	50	US 6630337 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
78	20031007		US 6630336 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
79	20031007		US 6630334 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
80	20030624		US 6582946 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
81	20030325	75	US 6537788 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
82	20030318	37	US 6534299 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
83	20030304		US 6528294 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
84	20021231	65	US 6500938 B1	Composition for the detection of signaling pathway gene expression
85	20021231	44	US 6500655 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
86	20021231		US 6500628 B1	Nucleic acid molecules encoding human kinase and phosphatase homologues and uses therefor
87	20021210	107	US 6492156 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
88	20021210	180	US 6492155 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
89	20021210	96	US 6492154 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
90	20021210	95	US 6492153 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
91	20021119	46	US 6482935 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
92	20021119	67	US 6482624 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
93	20021112	202	US 6479269 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
94	20021015	47	US 6465232 B1	Nucleic acid molecules encoding human kinase and phosphatase homologues and uses therefor
95	20021008	49	US 6461846 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
96	20020924	50	US 6455291 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
97	20020910	31	US 6448057 B1	Isolated human casein kinase proteins, nucleic acid molecules encoding human casein kinase proteins, and uses thereof
98	20020820	38	US 6437110 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
99	20020730	60	US 6426206 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
100	20020723	65	US 6423521 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
101	20020702	76	US 6413756 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
102	20020625	69	US 6410294 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
103	20020611	82	US 6403353 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
104	20020514	85	US 6387677 B1	Nucleic acid molecules encoding human calcium/calmodulin (CaMK) dependent kinase proteins
105	20020416	87	US 6372468 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
106	20020122	88	US 6340583 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
107	20011127	39	US 6323016 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
108	20011030	45	US 6309849 B1	Nucleic acid molecules encoding human kinase and phosphatase homologues and uses therefor
109	20010724	37	US 6265560 B1	Human Ste20-like stress activated serine/threonine kinase

	Issue Date	Pages	Document ID	Title
1	20040122	14	US 20040014112 A1	Novel human kinase proteins and polynucleotides encoding the same
2	20031204	78	US 20030225257 A1	Novel human kinases and polynucleotides encoding the same
3	20031106	17	US 20030207319 A1	Novel human kinases and polynucleotides encoding the same
4	20030925	18	US 20030181705 A1	Novel human kinases and polynucleotides encoding the same
5	20030904	20	US 20030166889 A1	Novel human kinases and polynucleotides encoding the same
6	20030403	14	US 20030064495 A1	Novel human kinase proteins and polynucleotides encoding the same
7	20030130	17	US 20030023063 A1	Novel human kinases and polynucleotides encoding the same
8	20030102	14	US 20030004328 A1	Novel human G-coupled protein receptor kinases and polynucleotides encoding the same
9	20021031	78	US 20020161213 A1	Novel human kinases and polynucleotides encoding the same
10	20020926	16	US 20020137913 A1	Novel human kinases and polynucleotides encoding the same
11	20020912	17	US 20020128458 A1	Novel human kinases and polynucleotides encoding the same
12	20020815	18	US 20020110908 A1	Novel human kinases and polynucleotides encoding the same
13	20020627	10	US 20020082406 A1	Novel human kinase interacting protein and polynucleotides encoding the same
14	20020411	14	US 20020042503 A1	Novel human G-coupled protein receptor kinases and polynucleotides encoding the same
15	20020328	54	US 20020038011 A1	Novel human kinases and polynucleotides encoding the same

	Issue Date	Pages	Document ID	Title
16	20020328	12	US 20020038009 A1	Novel human kinase protein and polynucleotides encoding the same
17	20030826	17	US 6610537 B2	Human kinases and polynucleotides encoding the same
18	20030805	14	US 6602698 B2	Human kinase proteins and polynucleotides encoding the same
19	20030715	18	US 6593125 B2	Human kinases and polynucleotides encoding the same
20	20030617	75	US 6579710 B2	Human kinases and polynucleotides encoding the same
21	20030401	11	US 6541252 B1	Human kinases and polynucleotides encoding the same
22	20030128	27	US 6511840 B1	Human kinase proteins and polynucleotides encoding the same
23	20021105	17	US 6476210 B2	Human kinases and polynucleotides encoding the same
24	20020903	15	US 6444456 B1	Human G-coupled protein receptor kinases and polynucleotides encoding the same

	L #	Hits	Search Text
1	L1	300	human adj kinase\$2
2	L2	599452	clon\$3 or express\$3 or recombinant
3	L3	191	l1 same l2
4	L4	80204	brain or pituitary or hypothalamus or adipose
5	L5	5436	adrenal adj gland or (fetal adj lung)
6	L6	22376	cerebellum or embryo
7	L7	103707	l4 or l5 ot l6
8	L8	109	l3 same l7
9	L9	6948	turner.in.
10	L10	361	mathur.in.
11	L11	7282	l9 or l10
12	L12	24	l1 and l11